

$$\begin{aligned}
s(2, 1, 0) &= -3(xyz) + (x + y + z)(xy + yz + zx) \\
s(3, 0, 0) &= +(x + y + z)^3 + 3(xyz) - 3(x + y + z)(xy + yz + zx) \\
s(2, 2, 0) &= -2(x + y + z)(xyz) + (xy + yz + zx)^2 \\
s(3, 1, 0) &= -(x + y + z)(xyz) + (x + y + z)^2(xy + yz + zx) - 2(xy + yz + zx)^2 \\
s(4, 0, 0) &= +(x + y + z)^4 + 4(x + y + z)(xyz) - 4(x + y + z)^2(xy + yz + zx) + 2(xy + yz + zx)^2 \\
s(3, 2, 0) &= -2(x + y + z)^2(xyz) - (xy + yz + zx)(xyz) + (x + y + z)(xy + yz + zx)^2 \\
s(4, 1, 0) &= -(x + y + z)^2(xyz) + (x + y + z)^3(xy + yz + zx) + 5(xy + yz + zx)(xyz) - 3(x + y + z)(xy + yz + zx)^2 \\
s(5, 0, 0) &= +(x + y + z)^5 + 5(x + y + z)^2(xyz) - 5(x + y + z)^3(xy + yz + zx) - 5(xy + yz + zx)(xyz) + 5(x + y + z)(xy + yz + zx)^2 \\
s(3, 3, 0) &= +3(xyz)^2 - 3(x + y + z)(xy + yz + zx)(xyz) + (xy + yz + zx)^3 \\
s(4, 2, 0) &= -2(x + y + z)^3(xyz) - 3(xyz)^2 + 4(x + y + z)(xy + yz + zx)(xyz) + (x + y + z)^2(xy + yz + zx)^2 - 2(xy + yz + zx)^3 \\
s(5, 1, 0) &= -(x + y + z)^3(xyz) - 3(xyz)^2 + (x + y + z)^4(xy + yz + zx) + 7(x + y + z)(xy + yz + zx)(xyz) - 4(x + y + z)^2(xy + yz + zx)^2 + 2(xy + yz + zx)^3 \\
s(6, 0, 0) &= +(x + y + z)^6 + 6(x + y + z)^3(xyz) + 3(xyz)^2 - 6(x + y + z)^4(xy + yz + zx) - 12(x + y + z)(xy + yz + zx)(xyz) + 9(x + y + z)^2(xy + yz + zx)^2 - 2(xy + yz + zx)^3 \\
s(4, 3, 0) &= +5(x + y + z)(xyz)^2 - 3(x + y + z)^2(xy + yz + zx)(xyz) - (xy + yz + zx)^2(xyz) + (x + y + z)(xy + yz + zx)^3 \\
s(5, 2, 0) &= -2(x + y + z)^4(xyz) - 7(x + y + z)(xyz)^2 + 6(x + y + z)^2(xy + yz + zx)(xyz) + (x + y + z)^3(xy + yz + zx)^2 + 3(xy + yz + zx)^2(xyz) - 3(x + y + z)(xy + yz + zx)^3 \\
s(6, 1, 0) &= -(x + y + z)^4(xyz) - 4(x + y + z)(xyz)^2 + (x + y + z)^5(xy + yz + zx) + 9(x + y + z)^2(xy + yz + zx)(xyz) - 5(x + y + z)^3(xy + yz + zx)^2 - 7(xy + yz + zx)^2(xyz) + 5(x + y + z)(xy + yz + zx)^3 \\
s(7, 0, 0) &= +(x + y + z)^7 + 7(x + y + z)^4(xyz) + 7(x + y + z)(xyz)^2 - 7(x + y + z)^5(xy + yz + zx) - 21(x + y + z)^2(xy + yz + zx)(xyz) + 14(x + y +
\end{aligned}$$

$$z)^3(xy + yz + zx)^2 + 7(xy + yz + zx)^2(xyz) - 7(x + y + z)(xy + yz + zx)^3$$

$$s(4, 4, 0) = +2(x + y + z)^2(xyz)^2 + 4(xy + yz + zx)(xyz)^2 - 4(x + y + z)(xy + yz + zx)^2(xyz) + (xy + yz + zx)^4$$

$$s(5, 3, 0) = +3(x + y + z)^2(xyz)^2 - 3(x + y + z)^3(xy + yz + zx)(xyz) - 7(xy + yz + zx)(xyz)^2 + 6(x + y + z)(xy + yz + zx)^2(xyz) + (x + y + z)^2(xy + yz + zx)^3 - 2(xy + yz + zx)^4$$

$$s(6, 2, 0) = -2(x + y + z)^5(xyz) - 9(x + y + z)^2(xyz)^2 + 8(x + y + z)^3(xy + yz + zx)(xyz) + 2(xy + yz + zx)(xyz)^2 + (x + y + z)^4(xy + yz + zx)^2 - 4(x + y + z)^2(xy + yz + zx)^3 + 2(xy + yz + zx)^4$$

$$s(7, 1, 0) = -(x + y + z)^5(xyz) - 5(x + y + z)^2(xyz)^2 + (x + y + z)^6(xy + yz + zx) + 11(x + y + z)^3(xy + yz + zx)(xyz) + 8(xy + yz + zx)(xyz)^2 - 6(x + y + z)^4(xy + yz + zx)^2 - 17(x + y + z)(xy + yz + zx)^2(xyz) + 9(x + y + z)^2(xy + yz + zx)^3 - 2(xy + yz + zx)^4$$

$$s(8, 0, 0) = +(x + y + z)^8 + 8(x + y + z)^5(xyz) + 12(x + y + z)^2(xyz)^2 - 8(x + y + z)^6(xy + yz + zx) - 32(x + y + z)^3(xy + yz + zx)(xyz) - 8(xy + yz + zx)(xyz)^2 + 20(x + y + z)^4(xy + yz + zx)^2 + 24(x + y + z)(xy + yz + zx)^2(xy + yz + zx)^2(xyz) - 16(x + y + z)^2(xy + yz + zx)^3 + 2(xy + yz + zx)^4$$

$$s(5, 4, 0) = +2(x + y + z)^3(xyz)^2 - 3(xyz)^3 + 7(x + y + z)(xy + yz + zx)(xyz)^2 - 4(x + y + z)^2(xy + yz + zx)^2(xyz) - (xy + yz + zx)^3(xyz) + (x + y + z)(xy + yz + zx)^4$$

$$s(6, 3, 0) = +3(x + y + z)^3(xyz)^2 + 6(xyz)^3 - 3(x + y + z)^4(xy + yz + zx)(xyz) - 18(x + y + z)(xy + yz + zx)(xyz)^2 + 9(x + y + z)^2(xy + yz + zx)^2(xy + yz + zx)^2(xyz) + (x + y + z)^3(xy + yz + zx)^3 + 3(xy + yz + zx)^3(xyz) - 3(x + y + z)(xy + yz + zx)^4$$

$$s(7, 2, 0) = -2(x + y + z)^6(xyz) - 11(x + y + z)^3(xyz)^2 - 3(xyz)^3 + 10(x + y + z)^4(xy + yz + zx)(xyz) + 13(x + y + z)(xy + yz + zx)(xyz)^2 + (x + y + z)^5(xy + yz + zx)^2 - 5(x + y + z)^2(xy + yz + zx)^2(xyz) - 5(x + y + z)^3(xy + yz + zx)^3 - 5(xy + yz + zx)^3(xyz) + 5(x + y + z)(xy + yz + zx)^4$$

$$s(8, 1, 0) = -(x + y + z)^6(xyz) - 6(x + y + z)^3(xyz)^2 - 3(xyz)^3 + (x + y + z)^7(xy + yz + zx) + 13(x + y + z)^4(xy + yz + zx)(xyz) + 19(x + y + z)(xy + yz + zx)(xyz)^2 - 7(x + y + z)^5(xy + yz + zx)^2 - 30(x + y + z)^2(xy + yz + zx)^2(xyz) + 14(x + y + z)^3(xy + yz + zx)^3 + 9(xy + yz + zx)^3(xyz) -$$

$$7(x+y+z)(xy+yz+zx)^4$$

$$\begin{aligned} s(9,0,0) = & +(x+y+z)^9 + 9(x+y+z)^6(xyz) + 18(x+y+z)^3(xyz)^2 + \\ & 3(xyz)^3 - 9(x+y+z)^7(xy+yz+zx) - 45(x+y+z)^4(xy+yz+zx)(xyz) - \\ & 27(x+y+z)(xy+yz+zx)(xyz)^2 + 27(x+y+z)^5(xy+yz+zx)^2 + 54(x+y+z)^2 \\ & (xy+yz+zx)^2(xyz) - 30(x+y+z)^3(xy+yz+zx)^3 - 9(xy+yz+zx)^3(xyz) + \\ & 9(x+y+z)(xy+yz+zx)^4 \end{aligned}$$

$$\begin{aligned} s(5,5,0) = & -5(x+y+z)(xyz)^3 + 5(x+y+z)^2(xy+yz+zx)(xyz)^2 + \\ & 5(xy+yz+zx)^2(xyz)^2 - 5(x+y+z)(xy+yz+zx)^3(xyz) + (xy+yz+zx)^5 \end{aligned}$$

$$\begin{aligned} s(6,4,0) = & +2(x+y+z)^4(xyz)^2 + 2(x+y+z)(xyz)^3 - 4(x+y+z)^3 \\ & (xy+yz+zx)^2(xyz) - 9(xy+yz+zx)^2(xyz)^2 + 8(x+y+z)(xy+yz+zx)^3 \\ & (xyz) + (x+y+z)^2(xy+yz+zx)^4 - 2(xy+yz+zx)^5 \end{aligned}$$

$$\begin{aligned} s(7,3,0) = & +3(x+y+z)^4(xyz)^2 + 11(x+y+z)(xyz)^3 - 3(x+y+z)^5(xy+yz+zx) \\ & (xyz) - 24(x+y+z)^2(xy+yz+zx)(xyz)^2 + 12(x+y+z)^3(xy+yz+zx)^2 \\ & (xyz) + 6(xy+yz+zx)^2(xyz)^2 + (x+y+z)^4(xy+yz+zx)^3 - 2(x+y+z) \\ & (xy+yz+zx)^3(xyz) - 4(x+y+z)^2(xy+yz+zx)^4 + 2(xy+yz+zx)^5 \end{aligned}$$

$$\begin{aligned} s(8,2,0) = & -2(x+y+z)^7(xyz) - 13(x+y+z)^4(xyz)^2 - 10(x+y+z)(xyz)^3 + \\ & 12(x+y+z)^5(xy+yz+zx)(xyz) + 28(x+y+z)^2(xy+yz+zx)(xyz)^2 + \\ & (x+y+z)^6(xy+yz+zx)^2 - 12(x+y+z)^3(xy+yz+zx)^2(xyz) + \\ & (xy+yz+zx)^2(xyz)^2 - 6(x+y+z)^4(xy+yz+zx)^3 - 8(x+y+z)(xy+yz+zx)^3 \\ & (xyz) + 9(x+y+z)^2(xy+yz+zx)^4 - 2(xy+yz+zx)^5 \end{aligned}$$

$$\begin{aligned} s(9,1,0) = & -(x+y+z)^7(xyz) - 7(x+y+z)^4(xyz)^2 - 7(x+y+z)(xyz)^3 + \\ & (x+y+z)^8(xy+yz+zx) + 15(x+y+z)^5(xy+yz+zx)(xyz) + 33(x+y+z)^2 \\ & (xy+yz+zx)(xyz)^2 - 8(x+y+z)^6(xy+yz+zx)^2 - 46(x+y+z)^3(xy+yz+zx)^2 \\ & (xyz) - 15(xy+yz+zx)^2(xyz)^2 + 20(x+y+z)^4(xy+yz+zx)^3 + 31(x+y+z) \\ & (xy+yz+zx)^3(xyz) - 16(x+y+z)^2(xy+yz+zx)^4 + 2(xy+yz+zx)^5 \end{aligned}$$

$$\begin{aligned} s(10,0,0) = & +(x+y+z)^{10} + 10(x+y+z)^7(xyz) + 25(x+y+z)^4(xyz)^2 + \\ & 10(x+y+z)(xyz)^3 - 10(x+y+z)^8(xy+yz+zx) - 60(x+y+z)^5(xy+yz+zx) \\ & (xyz) - 60(x+y+z)^2(xy+yz+zx)(xyz)^2 + 35(x+y+z)^6(xy+yz+zx)^2 + \\ & 100(x+y+z)^3(xy+yz+zx)^2(xyz) + 15(xy+yz+zx)^2(xyz)^2 - \\ & 50(x+y+z)^4(xy+yz+zx)^3 - 40(x+y+z)(xy+yz+zx)^3(xyz) + 25(x+y+z)^2 \\ & (xy+yz+zx)^4 - 2(xy+yz+zx)^5 \end{aligned}$$

$$\begin{aligned} s(6,5,0) = & -7(x+y+z)^2(xyz)^3 + 5(x+y+z)^3(xy+yz+zx)(xyz)^2 - \\ & 4(xy+yz+zx)(xyz)^3 + 9(x+y+z)(xy+yz+zx)^2(xyz)^2 - 5(x+y+z) \end{aligned}$$

$$z)^2(xy + yz + zx)^3(xyz) - (xy + yz + zx)^4(xyz) + (x + y + z)(xy + yz + zx)^5$$

$$s(7, 4, 0) = +2(x + y + z)^5(xyz)^2 + 6(x + y + z)^2(xyz)^3 - 2(x + y + z)^3(xy + yz + zx)(xyz)^2 + 11(xy + yz + zx)(xyz)^3 - 4(x + y + z)^4(xy + yz + zx)^2(xyz) - 24(x + y + z)(xy + yz + zx)^2(xyz)^2 + 12(x + y + z)^2(xy + yz + zx)^3(xyz) + (x + y + z)^3(xy + yz + zx)^4 + 3(xy + yz + zx)^4(xyz) - 3(x + y + z)(xy + yz + zx)^5$$

$$s(8, 3, 0) = +3(x + y + z)^5(xyz)^2 + 14(x + y + z)^2(xyz)^3 - 3(x + y + z)^6(xy + yz + zx)(xyz) - 30(x + y + z)^3(xy + yz + zx)(xyz)^2 - 13(xy + yz + zx)(xyz)^3 + 15(x + y + z)^4(xy + yz + zx)^2(xyz) + 30(x + y + z)(xy + yz + zx)^2(xyz)^2 + (x + y + z)^5(xy + yz + zx)^3 - 10(x + y + z)^2(xy + yz + zx)^3(xyz) - 5(x + y + z)^3(xy + yz + zx)^4 - 5(xy + yz + zx)^4(xyz) + 5(x + y + z)(xy + yz + zx)^5$$

$$s(9, 2, 0) = -2(x + y + z)^8(xyz) - 15(x + y + z)^5(xyz)^2 - 19(x + y + z)^2(xyz)^3 + 14(x + y + z)^6(xy + yz + zx)(xyz) + 47(x + y + z)^3(xy + yz + zx)(xyz)^2 + 5(xy + yz + zx)(xyz)^3 + (x + y + z)^7(xy + yz + zx)^2 - 21(x + y + z)^4(xy + yz + zx)^2(xyz) - 12(x + y + z)(xy + yz + zx)^2(xyz)^2 - 7(x + y + z)^5(xy + yz + zx)^3 - 7(x + y + z)^2(xy + yz + zx)^3(xyz) + 14(x + y + z)^3(xy + yz + zx)^4 + 7(xy + yz + zx)^4(xyz) - 7(x + y + z)(xy + yz + zx)^5$$

$$s(10, 1, 0) = -(x + y + z)^8(xyz) - 8(x + y + z)^5(xyz)^2 - 12(x + y + z)^2(xyz)^3 + (x + y + z)^9(xy + yz + zx) + 17(x + y + z)^6(xy + yz + zx)(xyz) + 50(x + y + z)^3(xy + yz + zx)(xyz)^2 + 11(xy + yz + zx)(xyz)^3 - 9(x + y + z)^7(xy + yz + zx)^2 - 65(x + y + z)^4(xy + yz + zx)^2(xyz) - 51(x + y + z)(xy + yz + zx)^2(xyz)^2 + 27(x + y + z)^5(xy + yz + zx)^3 + 70(x + y + z)^2(xy + yz + zx)^3(xyz) - 30(x + y + z)^3(xy + yz + zx)^4 - 11(xy + yz + zx)^4(xyz) + 9(x + y + z)(xy + yz + zx)^5$$

$$s(11, 0, 0) = +(x + y + z)^{11} + 11(x + y + z)^8(xyz) + 33(x + y + z)^5(xyz)^2 + 22(x + y + z)^2(xyz)^3 - 11(x + y + z)^9(xy + yz + zx) - 77(x + y + z)^6(xy + yz + zx)(xyz) - 110(x + y + z)^3(xy + yz + zx)(xyz)^2 - 11(xy + yz + zx)(xyz)^3 + 44(x + y + z)^7(xy + yz + zx)^2 + 165(x + y + z)^4(xy + yz + zx)^2(xyz) + 66(x + y + z)(xy + yz + zx)^2(xyz)^2 - 77(x + y + z)^5(xy + yz + zx)^3 - 110(x + y + z)^2(xy + yz + zx)^3(xyz) + 55(x + y + z)^3(xy + yz + zx)^4 + 11(xy + yz + zx)^4(xyz) - 11(x + y + z)(xy + yz + zx)^5$$

$$s(6, 6, 0) = -2(x + y + z)^3(xyz)^3 + 3(xyz)^4 - 12(x + y + z)(xy + yz + zx)(xyz)^3 + 9(x + y + z)^2(xy + yz + zx)^2(xyz)^2 + 6(xy + yz + zx)^3(xyz)^2 - 6(x + y + z)(xy + yz + zx)^4(xyz) + (xy + yz + zx)^6$$

$$s(7, 5, 0) = -5(x+y+z)^3(xyz)^3 - 3(xyz)^4 + 5(x+y+z)^4(xy+yz+zx)(xyz)^2 + 13(x+y+z)(xy+yz+zx)(xyz)^3 - 5(x+y+z)^2(xy+yz+zx)^2(xyz)^2 - 5(x+y+z)^3(xy+yz+zx)^3(xyz) - 11(xy+yz+zx)^3(xyz)^2 + 10(x+y+z)(xy+yz+zx)^4(xyz) + (x+y+z)^2(xy+yz+zx)^5 - 2(xy+yz+zx)^6$$

$$s(8, 4, 0) = +2(x+y+z)^6(xyz)^2 + 8(x+y+z)^3(xyz)^3 - 3(xyz)^4 - 4(x+y+z)^4(xy+yz+zx)(xyz)^2 + 16(x+y+z)(xy+yz+zx)(xyz)^3 - 4(x+y+z)^5(xy+yz+zx)^2(xyz) - 28(x+y+z)^2(xy+yz+zx)^2(xyz)^2 + 16(x+y+z)^3(xy+yz+zx)^3(xyz) + 8(xy+yz+zx)^3(xyz)^2 + (x+y+z)^4(xy+yz+zx)^4 - 4(x+y+z)(xy+yz+zx)^4(xyz) - 4(x+y+z)^2(xy+yz+zx)^5 + 2(xy+yz+zx)^6$$

$$s(9, 3, 0) = +3(x+y+z)^6(xyz)^2 + 17(x+y+z)^3(xyz)^3 + 6(xyz)^4 - 3(x+y+z)^7(xy+yz+zx)(xyz) - 36(x+y+z)^4(xy+yz+zx)(xyz)^2 - 42(x+y+z)(xy+yz+zx)(xyz)^3 + 18(x+y+z)^5(xy+yz+zx)^2(xyz) + 63(x+y+z)^2(xy+yz+zx)^2(xyz)^2 + (x+y+z)^6(xy+yz+zx)^3 - 21(x+y+z)^3(xy+yz+zx)^3(xyz) - 3(xy+yz+zx)^3(xyz)^2 - 6(x+y+z)^4(xy+yz+zx)^4 - 6(x+y+z)(xy+yz+zx)^4(xyz) + 9(x+y+z)^2(xy+yz+zx)^5 - 2(xy+yz+zx)^6$$

$$s(10, 2, 0) = -2(x+y+z)^9(xyz) - 17(x+y+z)^6(xyz)^2 - 30(x+y+z)^3(xyz)^3 - 3(xyz)^4 + 16(x+y+z)^7(xy+yz+zx)(xyz) + 70(x+y+z)^4(xy+yz+zx)(xyz)^2 + 28(x+y+z)(xy+yz+zx)(xyz)^3 + (x+y+z)^8(xy+yz+zx)^2 - 32(x+y+z)^5(xy+yz+zx)^2(xyz) - 45(x+y+z)^2(xy+yz+zx)^2(xyz)^2 - 8(x+y+z)^6(xy+yz+zx)^3 - 6(xy+yz+zx)^3(xyz)^2 + 20(x+y+z)^4(xy+yz+zx)^4 + 20(x+y+z)(xy+yz+zx)^4(xyz) - 16(x+y+z)^2(xy+yz+zx)^5 + 2(xy+yz+zx)^6$$

$$s(11, 1, 0) = -(x+y+z)^9(xyz) - 9(x+y+z)^6(xyz)^2 - 18(x+y+z)^3(xyz)^3 - 3(xyz)^4 + (x+y+z)^{10}(xy+yz+zx) + 19(x+y+z)^7(xy+yz+zx)(xyz) + 70(x+y+z)^4(xy+yz+zx)(xyz)^2 + 37(x+y+z)(xy+yz+zx)(xyz)^3 - 10(x+y+z)^8(xy+yz+zx)^2 - 87(x+y+z)^5(xy+yz+zx)^2(xyz) - 114(x+y+z)^2(xy+yz+zx)^2(xyz)^2 + 35(x+y+z)^6(xy+yz+zx)^3 + 130(x+y+z)^3(xy+yz+zx)^3(xyz) + 24(xy+yz+zx)^3(xyz)^2 - 50(x+y+z)^4(xy+yz+zx)^4 - 49(x+y+z)(xy+yz+zx)^4(xyz) + 25(x+y+z)^2(xy+yz+zx)^5 - 2(xy+yz+zx)^6$$

$$s(12, 0, 0) = +(x+y+z)^{12} + 12(x+y+z)^9(xyz) + 42(x+y+z)^6(xyz)^2 + 40(x+y+z)^3(xyz)^3 + 3(xyz)^4 - 12(x+y+z)^{10}(xy+yz+zx) - 96(x+y+z)^7(xy+yz+zx)(xyz) - 180(x+y+z)^4(xy+yz+zx)(xyz)^2 - 48(x+y+z)(xy+yz+zx)(xyz)^3 + 54(x+y+z)^8(xy+yz+zx)^2 + 252(x+y+z)$$

$$z)^5(xy + yz + zx)^2(xyz) + 180(x + y + z)^2(xy + yz + zx)^2(xyz)^2 - 112(x + y + z)^6(xy + yz + zx)^3 - 240(x + y + z)^3(xy + yz + zx)^3(xyz) - 24(xy + yz + zx)^3(xyz)^2 + 105(x + y + z)^4(xy + yz + zx)^4 + 60(x + y + z)(xy + yz + zx)^4(xyz) - 36(x + y + z)^2(xy + yz + zx)^5 + 2(xy + yz + zx)^6$$

$$s(7, 6, 0) = -2(x + y + z)^4(xyz)^3 + 8(x + y + z)(xyz)^4 - 17(x + y + z)^2(xy + yz + zx)(xyz)^3 + 9(x + y + z)^3(xy + yz + zx)^2(xyz)^2 - 5(xy + yz + zx)^2(xyz)^3 + 11(x + y + z)(xy + yz + zx)^3(xyz)^2 - 6(x + y + z)^2(xy + yz + zx)^4(xyz) - (xy + yz + zx)^5(xyz) + (x + y + z)(xy + yz + zx)^6$$

$$s(8, 5, 0) = -5(x + y + z)^4(xyz)^3 - 13(x + y + z)(xyz)^4 + 5(x + y + z)^5(xy + yz + zx)(xyz)^2 + 30(x + y + z)^2(xy + yz + zx)(xyz)^3 - 10(x + y + z)^3(xy + yz + zx)^2(xyz)^2 + 14(xy + yz + zx)^2(xyz)^3 - 5(x + y + z)^4(xy + yz + zx)^3(xyz) - 30(x + y + z)(xy + yz + zx)^3(xyz)^2 + 15(x + y + z)^2(xy + yz + zx)^4(xyz) + (x + y + z)^3(xy + yz + zx)^5 + 3(xy + yz + zx)^5(xyz) - 3(x + y + z)(xy + yz + zx)^6$$

$$s(9, 4, 0) = +2(x + y + z)^7(xyz)^2 + 10(x + y + z)^4(xyz)^3 - (x + y + z)(xyz)^4 - 6(x + y + z)^5(xy + yz + zx)(xyz)^2 + 10(x + y + z)^2(xy + yz + zx)(xyz)^3 - 4(x + y + z)^6(xy + yz + zx)^2(xyz) - 30(x + y + z)^3(xy + yz + zx)^2(xyz)^2 - 20(xy + yz + zx)^2(xyz)^3 + 20(x + y + z)^4(xy + yz + zx)^3(xyz) + 40(x + y + z)(xy + yz + zx)^3(xyz)^2 + (x + y + z)^5(xy + yz + zx)^4 - 15(x + y + z)^2(xy + yz + zx)^4(xyz) - 5(x + y + z)^3(xy + yz + zx)^5 - 5(xy + yz + zx)^5(xyz) + 5(x + y + z)(xy + yz + zx)^6$$

$$s(10, 3, 0) = +3(x + y + z)^7(xyz)^2 + 20(x + y + z)^4(xyz)^3 + 17(x + y + z)(xyz)^4 - 3(x + y + z)^8(xy + yz + zx)(xyz) - 42(x + y + z)^5(xy + yz + zx)(xyz)^2 - 80(x + y + z)^2(xy + yz + zx)(xyz)^3 + 21(x + y + z)^6(xy + yz + zx)^2(xyz) + 105(x + y + z)^3(xy + yz + zx)^2(xyz)^2 + 19(xy + yz + zx)^2(xyz)^3 + (x + y + z)^7(xy + yz + zx)^3 - 35(x + y + z)^4(xy + yz + zx)^3(xyz) - 35(x + y + z)(xy + yz + zx)^3(xyz)^2 - 7(x + y + z)^5(xy + yz + zx)^4 + 14(x + y + z)^3(xy + yz + zx)^5 + 7(xy + yz + zx)^5(xyz) - 7(x + y + z)(xy + yz + zx)^6$$

$$s(11, 2, 0) = -2(x + y + z)^{10}(xyz) - 19(x + y + z)^7(xyz)^2 - 43(x + y + z)^4(xyz)^3 - 13(x + y + z)(xyz)^4 + 18(x + y + z)^8(xy + yz + zx)(xyz) + 97(x + y + z)^5(xy + yz + zx)(xyz)^2 + 75(x + y + z)^2(xy + yz + zx)(xyz)^3 + (x + y + z)^9(xy + yz + zx)^2 - 45(x + y + z)^6(xy + yz + zx)^2(xyz) - 104(x + y + z)^3(xy + yz + zx)^2(xyz)^2 - 4(xy + yz + zx)^2(xyz)^3 - 9(x + y + z)^7(xy + yz + zx)^3 + 15(x + y + z)^4(xy + yz + zx)^3(xyz) - 2(x + y + z)(xy + yz + zx)^3(xyz)^2 + 27(x + y + z)^5(xy + yz + zx)^4 + 36(x + y + z)^2(xy + yz + zx)^4(xyz) - 30(x + y + z)^3(xy + yz + zx)^5 - 9(xy + yz + zx)^5(xyz) + 9(x + y + z)(xy + yz + zx)^6$$

$$\begin{aligned}
s(12, 1, 0) = & -(x+y+z)^{10}(xyz) - 10(x+y+z)^7(xyz)^2 - 25(x+y+z)^4(xyz)^3 - 10(x+y+z)(xyz)^4 + (x+y+z)^{11}(xy+yz+zx) + 21(x+y+z)^8(xy+yz+zx)(xyz) + 93(x+y+z)^5(xy+yz+zx)(xyz)^2 + 82(x+y+z)^2(xy+yz+zx)(xyz)^3 - 11(x+y+z)^9(xy+yz+zx)^2 - 112(x+y+z)^6(xy+yz+zx)^2(xyz) - 210(x+y+z)^3(xy+yz+zx)^2(xyz)^2 - 26(xy+yz+zx)^2(xyz)^3 + 44(x+y+z)^7(xy+yz+zx)^3 + 215(x+y+z)^4(xy+yz+zx)^3(xyz) + 106(x+y+z)(xy+yz+zx)^3(xyz)^2 - 77(x+y+z)^5(xy+yz+zx)^4 - 135(x+y+z)^2(xy+yz+zx)^4(xyz) + 55(x+y+z)^3(xy+yz+zx)^5 + 13(xy+yz+zx)^5(xyz) - 11(x+y+z)(xy+yz+zx)^6
\end{aligned}$$

$$\begin{aligned}
s(13, 0, 0) = & +(x+y+z)^{13} + 13(x+y+z)^{10}(xyz) + 52(x+y+z)^7(xyz)^2 + 65(x+y+z)^4(xyz)^3 + 13(x+y+z)(xyz)^4 - 13(x+y+z)^{11}(xy+yz+zx) - 117(x+y+z)^8(xy+yz+zx)(xyz) - 273(x+y+z)^5(xy+yz+zx)(xyz)^2 - 130(x+y+z)^2(xy+yz+zx)(xyz)^3 + 65(x+y+z)^9(xy+yz+zx)^2 + 364(x+y+z)^6(xy+yz+zx)^2(xyz) + 390(x+y+z)^3(xy+yz+zx)^2(xyz)^2 + 26(xy+yz+zx)^2(xyz)^3 - 156(x+y+z)^7(xy+yz+zx)^3 - 455(x+y+z)^4(xy+yz+zx)^3(xyz) - 130(x+y+z)(xy+yz+zx)^3(xyz)^2 + 182(x+y+z)^5(xy+yz+zx)^4 + 195(x+y+z)^2(xy+yz+zx)^4(xyz) - 91(x+y+z)^3(xy+yz+zx)^5 - 13(xy+yz+zx)^5(xyz) + 13(x+y+z)(xy+yz+zx)^6
\end{aligned}$$

$$\begin{aligned}
s(7, 7, 0) = & +7(x+y+z)^2(xyz)^4 - 7(x+y+z)^3(xy+yz+zx)(xyz)^3 + 7(xy+yz+zx)(xyz)^4 - 21(x+y+z)(xy+yz+zx)^2(xyz)^3 + 14(x+y+z)^2(xy+yz+zx)^3(xyz)^2 + 7(xy+yz+zx)^4(xyz)^2 - 7(x+y+z)(xy+yz+zx)^5(xyz) + (xy+yz+zx)^7
\end{aligned}$$

$$\begin{aligned}
s(8, 6, 0) = & -2(x+y+z)^5(xyz)^3 + (x+y+z)^2(xyz)^4 - 8(x+y+z)^3(xy+yz+zx)(xyz)^3 - 10(xy+yz+zx)(xyz)^4 + 9(x+y+z)^4(xy+yz+zx)^2(xyz)^2 + 28(x+y+z)(xy+yz+zx)^2(xyz)^3 - 12(x+y+z)^2(xy+yz+zx)^3(xyz)^2 - 6(x+y+z)^3(xy+yz+zx)^4(xyz) - 13(xy+yz+zx)^4(xyz)^2 + 12(x+y+z)(xy+yz+zx)^5(xyz) + (x+y+z)^2(xy+yz+zx)^6 - 2(xy+yz+zx)^7
\end{aligned}$$

$$\begin{aligned}
s(9, 5, 0) = & -5(x+y+z)^5(xyz)^3 - 20(x+y+z)^2(xyz)^4 + 5(x+y+z)^6(xy+yz+zx)(xyz)^2 + 40(x+y+z)^3(xy+yz+zx)(xyz)^3 - (xy+yz+zx)(xyz)^4 - 15(x+y+z)^4(xy+yz+zx)^2(xyz)^2 + 10(x+y+z)(xy+yz+zx)^2(xyz)^3 - 5(x+y+z)^5(xy+yz+zx)^3(xyz) - 30(x+y+z)^2(xy+yz+zx)^3(xyz)^2 + 20(x+y+z)^3(xy+yz+zx)^4(xyz) + 10(xy+yz+zx)^4(xyz)^2 + (x+y+z)^4(xy+yz+zx)^5 - 6(x+y+z)(xy+yz+zx)^5(xyz) - 4(x+y+z)^2(xy+yz+zx)^6 + 2(xy+yz+zx)^7
\end{aligned}$$

$$s(10, 4, 0) = +2(x+y+z)^8(xyz)^2 + 12(x+y+z)^5(xyz)^3 + 5(x+y+z)^2(xyz)^4 - 8(x+y+z)^6(xy+yz+zx)(xyz)^2 + 14(xy+yz+zx)(xyz)^4 - 4(x+y+z)^7(xy+yz+zx)^2(xyz) - 30(x+y+z)^4(xy+yz+zx)^2(xyz)^2 - 60(x+y+z)(xy+yz+zx)^2(xyz)^3 + 24(x+y+z)^5(xy+yz+zx)^3(xyz) + 80(x+y+z)^2(xy+yz+zx)^3(xyz)^2 + (x+y+z)^6(xy+yz+zx)^4 - 30(x+y+z)^3(xy+yz+zx)^4(xyz) - 5(xy+yz+zx)^4(xyz)^2 - 6(x+y+z)^4(xy+yz+zx)^5 - 4(x+y+z)(xy+yz+zx)^5(xyz) + 9(x+y+z)^2(xy+yz+zx)^6 - 2(xy+yz+zx)^7$$

$$s(11, 3, 0) = +3(x+y+z)^8(xyz)^2 + 23(x+y+z)^5(xyz)^3 + 31(x+y+z)^2(xyz)^4 - 3(x+y+z)^9(xy+yz+zx)(xyz) - 48(x+y+z)^6(xy+yz+zx)(xyz)^2 - 127(x+y+z)^3(xy+yz+zx)(xyz)^3 - 19(xy+yz+zx)(xyz)^4 + 24(x+y+z)^7(xy+yz+zx)^2(xyz) + 156(x+y+z)^4(xy+yz+zx)^2(xyz)^2 + 91(x+y+z)(xy+yz+zx)^2(xyz)^3 + (x+y+z)^8(xy+yz+zx)^3 - 52(x+y+z)^5(xy+yz+zx)^3(xyz) - 108(x+y+z)^2(xy+yz+zx)^3(xyz)^2 - 8(x+y+z)^6(xy+yz+zx)^4 + 16(x+y+z)^3(xy+yz+zx)^4(xyz) - 2(xy+yz+zx)^4(xyz)^2 + 20(x+y+z)^4(xy+yz+zx)^5 + 18(x+y+z)(xy+yz+zx)^5(xyz) - 16(x+y+z)^2(xy+yz+zx)^6 + 2(xy+yz+zx)^7$$

$$s(12, 2, 0) = -2(x+y+z)^{11}(xyz) - 21(x+y+z)^8(xyz)^2 - 58(x+y+z)^5(xyz)^3 - 32(x+y+z)^2(xyz)^4 + 20(x+y+z)^9(xy+yz+zx)(xyz) + 128(x+y+z)^6(xy+yz+zx)(xyz)^2 + 152(x+y+z)^3(xy+yz+zx)(xyz)^3 + 8(xy+yz+zx)(xyz)^4 + (x+y+z)^{10}(xy+yz+zx)^2 - 60(x+y+z)^7(xy+yz+zx)^2(xyz) - 195(x+y+z)^4(xy+yz+zx)^2(xyz)^2 - 44(x+y+z)(xy+yz+zx)^2(xyz)^3 - 10(x+y+z)^8(xy+yz+zx)^3 + 40(x+y+z)^5(xy+yz+zx)^3(xyz) + 36(x+y+z)^2(xy+yz+zx)^3(xyz)^2 + 35(x+y+z)^6(xy+yz+zx)^4 + 50(x+y+z)^3(xy+yz+zx)^4(xyz) + 13(xy+yz+zx)^4(xyz)^2 - 50(x+y+z)^4(xy+yz+zx)^5 - 36(x+y+z)(xy+yz+zx)^5(xyz) + 25(x+y+z)^2(xy+yz+zx)^6 - 2(xy+yz+zx)^7$$

$$s(13, 1, 0) = -(x+y+z)^{11}(xyz) - 11(x+y+z)^8(xyz)^2 - 33(x+y+z)^5(xyz)^3 - 22(x+y+z)^2(xyz)^4 + (x+y+z)^{12}(xy+yz+zx) + 23(x+y+z)^9(xy+yz+zx)(xyz) + 119(x+y+z)^6(xy+yz+zx)(xyz)^2 + 150(x+y+z)^3(xy+yz+zx)(xyz)^3 + 14(xy+yz+zx)(xyz)^4 - 12(x+y+z)^{10}(xy+yz+zx)^2 - 140(x+y+z)^7(xy+yz+zx)^2(xyz) - 345(x+y+z)^4(xy+yz+zx)^2(xyz)^2 - 114(x+y+z)(xy+yz+zx)^2(xyz)^3 + 54(x+y+z)^8(xy+yz+zx)^3 + 329(x+y+z)^5(xy+yz+zx)^3(xyz) + 290(x+y+z)^2(xy+yz+zx)^3(xyz)^2 - 112(x+y+z)^6(xy+yz+zx)^4 - 295(x+y+z)^3(xy+yz+zx)^4$$

$$zx)^4(xyz) - 35(xy+yz+zx)^4(xyz)^2 + 105(x+y+z)^4(xy+yz+zx)^5 + 71(x+y+z)(xy+yz+zx)^5(xyz) - 36(x+y+z)^2(xy+yz+zx)^6 + 2(xy+yz+zx)^7$$

$$\begin{aligned} s(14, 0, 0) = & +(x+y+z)^{14} + 14(x+y+z)^{11}(xyz) + 63(x+y+z)^8(xyz)^2 + \\ & 98(x+y+z)^5(xyz)^3 + 35(x+y+z)^2(xyz)^4 - 14(x+y+z)^{12}(xy+yz+zx) - \\ & 140(x+y+z)^9(xy+yz+zx)(xyz) - 392(x+y+z)^6(xy+yz+zx)(xyz)^2 - \\ & 280(x+y+z)^3(xy+yz+zx)(xyz)^3 - 14(xy+yz+zx)(xyz)^4 + 77(x+y+z)^{10}(xy+yz+zx)^2 + \\ & 504(x+y+z)^7(xy+yz+zx)^2(xyz) + 735(x+y+z)^4(xy+yz+zx)^2(xyz)^2 + \\ & 140(x+y+z)(xy+yz+zx)^2(xyz)^3 - 210(x+y+z)^8(xy+yz+zx)^3 - 784(x+y+z)^5(xy+yz+zx)^3(xyz) - \\ & 420(x+y+z)^2(xy+yz+zx)^3(xyz)^2 + 294(x+y+z)^6(xy+yz+zx)^4 + 490(x+y+z)^3(xy+yz+zx)^4 + \\ & 35(xy+yz+zx)^4(xyz)^2 - 196(x+y+z)^4(xy+yz+zx)^5 - 84(x+y+z)(xy+yz+zx)^5(xyz) + \\ & 49(x+y+z)^2(xy+yz+zx)^6 - 2(xy+yz+zx)^7 \end{aligned}$$

$$\begin{aligned} s(8, 7, 0) = & +9(x+y+z)^3(xyz)^4 - 3(xyz)^5 - 7(x+y+z)^4(xy+yz+zx)(xyz)^3 + \\ & 19(x+y+z)(xy+yz+zx)(xyz)^4 - 30(x+y+z)^2(xy+yz+zx)^2(xyz)^3 + \\ & 14(x+y+z)^3(xy+yz+zx)^3(xyz)^2 - 6(xy+yz+zx)^3(xyz)^3 + \\ & 13(x+y+z)(xy+yz+zx)^4(xyz)^2 - 7(x+y+z)^2(xy+yz+zx)^5(xyz) - \\ & (xy+yz+zx)^6(xyz) + (x+y+z)(xy+yz+zx)^7 \end{aligned}$$

$$\begin{aligned} s(9, 6, 0) = & -2(x+y+z)^6(xyz)^3 - 3(x+y+z)^3(xyz)^4 + 6(xyz)^5 - 6(x+y+z)^4(xy+yz+zx)(xyz)^3 - \\ & 42(x+y+z)(xy+yz+zx)(xyz)^4 + 9(x+y+z)^5(xy+yz+zx)^2(xyz)^2 + \\ & 63(x+y+z)^2(xy+yz+zx)^2(xyz)^3 - 21(x+y+z)^3(xy+yz+zx)^3(xyz)^2 + \\ & 17(xy+yz+zx)^3(xyz)^3 - 6(x+y+z)^4(xy+yz+zx)^4(xyz) - \\ & 36(x+y+z)(xy+yz+zx)^4(xyz)^2 + 18(x+y+z)^2(xy+yz+zx)^5(xyz) + \\ & (x+y+z)^3(xy+yz+zx)^6 + 3(xy+yz+zx)^6(xyz) - 3(x+y+z)(xy+yz+zx)^7 \end{aligned}$$

$$\begin{aligned} s(10, 5, 0) = & -5(x+y+z)^6(xyz)^3 - 25(x+y+z)^3(xyz)^4 - 3(xyz)^5 + \\ & 5(x+y+z)^7(xy+yz+zx)(xyz)^2 + 50(x+y+z)^4(xy+yz+zx)(xyz)^3 + \\ & 25(x+y+z)(xy+yz+zx)(xyz)^4 - 20(x+y+z)^5(xy+yz+zx)^2(xyz)^2 - \\ & 25(x+y+z)^2(xy+yz+zx)^2(xyz)^3 - 5(x+y+z)^6(xy+yz+zx)^3(xyz) - \\ & 25(x+y+z)^3(xy+yz+zx)^3(xyz)^2 - 25(xy+yz+zx)^3(xyz)^3 + 25(x+y+z)^4(xy+yz+zx)^4(xyz) + \\ & 50(x+y+z)(xy+yz+zx)^4(xyz)^2 + (x+y+z)^5(xy+yz+zx)^5 - \\ & 20(x+y+z)^2(xy+yz+zx)^5(xyz) - 5(x+y+z)^3(xy+yz+zx)^6 - \\ & 5(xy+yz+zx)^6(xyz) + 5(x+y+z)(xy+yz+zx)^7 \end{aligned}$$

$$\begin{aligned} s(11, 4, 0) = & +2(x+y+z)^9(xyz)^2 + 14(x+y+z)^6(xyz)^3 + 13(x+y+z)^3(xyz)^4 - \\ & 3(xyz)^5 - 10(x+y+z)^7(xy+yz+zx)(xyz)^2 - 14(x+y+z)^4(xy+yz+zx)(xyz)^3 + \\ & 31(x+y+z)(xy+yz+zx)(xyz)^4 - 4(x+y+z)^8(xy+yz+zx)(xyz)^5 \end{aligned}$$

$$yz + zx)^2(xyz) - 28(x + y + z)^5(xy + yz + zx)^2(xyz)^2 - 98(x + y + z)^2(xy + yz + zx)^2(xyz)^3 + 28(x + y + z)^6(xy + yz + zx)^3(xyz) + 126(x + y + z)^3(xy + yz + zx)^3(xyz)^2 + 28(xy + yz + zx)^3(xyz)^3 + (x + y + z)^7(xy + yz + zx)^4 - 49(x + y + z)^4(xy + yz + zx)^4(xyz) - 49(x + y + z)(xy + yz + zx)^4(xyz)^2 - 7(x + y + z)^5(xy + yz + zx)^5 + 7(x + y + z)^2(xy + yz + zx)^5(xyz) + 14(x + y + z)^3(xy + yz + zx)^6 + 7(xy + yz + zx)^6(xyz) - 7(x + y + z)(xy + yz + zx)^7$$

$$s(12, 3, 0) = +3(x + y + z)^9(xyz)^2 + 26(x + y + z)^6(xyz)^3 + 48(x + y + z)^3(xyz)^4 + 6(xyz)^5 - 3(x + y + z)^{10}(xy + yz + zx)(xyz) - 54(x + y + z)^7(xy + yz + zx)(xyz)^2 - 183(x + y + z)^4(xy + yz + zx)(xyz)^3 - 78(x + y + z)(xy + yz + zx)(xyz)^4 + 27(x + y + z)^8(xy + yz + zx)^2(xyz) + 216(x + y + z)^5(xy + yz + zx)^2(xyz)^2 + 234(x + y + z)^2(xy + yz + zx)^2(xyz)^3 + (x + y + z)^9(xy + yz + zx)^3 - 72(x + y + z)^6(xy + yz + zx)^3(xyz) - 234(x + y + z)^3(xy + yz + zx)^3(xyz)^2 - 22(xy + yz + zx)^3(xyz)^3 - 9(x + y + z)^7(xy + yz + zx)^4 + 45(x + y + z)^4(xy + yz + zx)^4(xyz) + 27(x + y + z)(xy + yz + zx)^4(xyz)^2 + 27(x + y + z)^5(xy + yz + zx)^5 + 27(x + y + z)^2(xy + yz + zx)^5(xyz) - 30(x + y + z)^3(xy + yz + zx)^6 - 9(xy + yz + zx)^6(xyz) + 9(x + y + z)(xy + yz + zx)^7$$

$$s(13, 2, 0) = -2(x + y + z)^{12}(xyz) - 23(x + y + z)^9(xyz)^2 - 75(x + y + z)^6(xyz)^3 - 62(x + y + z)^3(xyz)^4 - 3(xyz)^5 + 22(x + y + z)^{10}(xy + yz + zx)(xyz) + 163(x + y + z)^7(xy + yz + zx)(xyz)^2 + 265(x + y + z)^4(xy + yz + zx)(xyz)^3 + 49(x + y + z)(xy + yz + zx)(xyz)^4 + (x + y + z)^{11}(xy + yz + zx)^2 - 77(x + y + z)^8(xy + yz + zx)^2(xyz) - 324(x + y + z)^5(xy + yz + zx)^2(xyz)^2 - 164(x + y + z)^2(xy + yz + zx)^2(xyz)^3 - 11(x + y + z)^9(xy + yz + zx)^3 + 77(x + y + z)^6(xy + yz + zx)^3(xyz) + 140(x + y + z)^3(xy + yz + zx)^3(xyz)^2 - 2(xy + yz + zx)^3(xyz)^3 + 44(x + y + z)^7(xy + yz + zx)^4 + 55(x + y + z)^4(xy + yz + zx)^4(xyz) + 35(x + y + z)(xy + yz + zx)^4(xyz)^2 - 77(x + y + z)^5(xy + yz + zx)^5 - 88(x + y + z)^2(xy + yz + zx)^5(xyz) + 55(x + y + z)^3(xy + yz + zx)^6 + 11(xy + yz + zx)^6(xyz) - 11(x + y + z)(xy + yz + zx)^7$$

$$s(14, 1, 0) = -(x + y + z)^{12}(xyz) - 12(x + y + z)^9(xyz)^2 - 42(x + y + z)^6(xyz)^3 - 40(x + y + z)^3(xyz)^4 - 3(xyz)^5 + (x + y + z)^{13}(xy + yz + zx) + 25(x + y + z)^{10}(xy + yz + zx)(xyz) + 148(x + y + z)^7(xy + yz + zx)(xyz)^2 + 245(x + y + z)^4(xy + yz + zx)(xyz)^3 + 61(x + y + z)(xy + yz + zx)(xyz)^4 - 13(x + y + z)^{11}(xy + yz + zx)^2 - 171(x + y + z)^8(xy + yz + zx)^2(xyz) - 525(x + y + z)^5(xy + yz + zx)^2(xyz)^2 - 310(x + y + z)^2(xy + yz + zx)^2(xyz)^3 + 65(x + y + z)^9(xy + yz + zx)^3 + 476(x + y + z)^6(xy + yz + zx)^3(xyz) + 630(x + y + z)^3(xy +$$

$$yz+zx)^3(xyz)^2+50(xy+yz+zx)^3(xyz)^3-156(x+y+z)^7(xy+yz+zx)^4-560(x+y+z)^4(xy+yz+zx)^4(xyz)-190(x+y+z)(xy+yz+zx)^4(xyz)^2+182(x+y+z)^5(xy+yz+zx)^5+231(x+y+z)^2(xy+yz+zx)^5(xyz)-91(x+y+z)^3(xy+yz+zx)^6-15(xy+yz+zx)^6(xyz)+13(x+y+z)(xy+yz+zx)^7$$

$$s(15, 0, 0) = +(x+y+z)^{15}+15(x+y+z)^{12}(xyz)+75(x+y+z)^9(xyz)^2+140(x+y+z)^6(xyz)^3+75(x+y+z)^3(xyz)^4+3(xyz)^5-15(x+y+z)^{13}(xy+yz+zx)-165(x+y+z)^{10}(xy+yz+zx)(xyz)-540(x+y+z)^7(xy+yz+zx)(xyz)^2-525(x+y+z)^4(xy+yz+zx)(xyz)^3-75(x+y+z)(xy+yz+zx)(xyz)^4+90(x+y+z)^{11}(xy+yz+zx)^2+675(x+y+z)^8(xy+yz+zx)^2(xyz)+1260(x+y+z)^5(xy+yz+zx)^2(xyz)^2+450(x+y+z)^2(xy+yz+zx)^2(xyz)^3-275(x+y+z)^9(xy+yz+zx)^3-1260(x+y+z)^6(xy+yz+zx)^3(xyz)-1050(x+y+z)^3(xy+yz+zx)^3(xyz)^2-50(xy+yz+zx)^3(xyz)^3+450(x+y+z)^7(xy+yz+zx)^4+1050(x+y+z)^4(xy+yz+zx)^4(xyz)+225(x+y+z)(xy+yz+zx)^4(xyz)^2-378(x+y+z)^5(xy+yz+zx)^5-315(x+y+z)^2(xy+yz+zx)^5(xyz)+140(x+y+z)^3(xy+yz+zx)^6+15(xy+yz+zx)^6(xyz)-15(x+y+z)(xy+yz+zx)^7$$

$$s(8, 8, 0) = +2(x+y+z)^4(xyz)^4-8(x+y+z)(xyz)^5+24(x+y+z)^2(xy+yz+zx)(xyz)^4-16(x+y+z)^3(xy+yz+zx)^2(xyz)^3+12(xy+yz+zx)^2(xyz)^4-32(x+y+z)(xy+yz+zx)^3(xyz)^3+20(x+y+z)^2(xy+yz+zx)^4(xyz)^2+8(xy+yz+zx)^5(xyz)^2-8(x+y+z)(xy+yz+zx)^6(xyz)+(xy+yz+zx)^8$$

$$s(9, 7, 0) = +7(x+y+z)^4(xyz)^4+5(x+y+z)(xyz)^5-7(x+y+z)^5(xy+yz+zx)(xyz)^3-12(x+y+z)^2(xy+yz+zx)(xyz)^4-7(x+y+z)^3(xy+yz+zx)^2(xyz)^3-19(xy+yz+zx)^2(xyz)^4+14(x+y+z)^4(xy+yz+zx)^3(xyz)^2+47(x+y+z)(xy+yz+zx)^3(xyz)^3-21(x+y+z)^2(xy+yz+zx)^4(xyz)^2-7(x+y+z)^3(xy+yz+zx)^5(xyz)-15(xy+yz+zx)^5(xyz)^2+14(x+y+z)(xy+yz+zx)^6(xyz)+(x+y+z)^2(xy+yz+zx)^7-2(xy+yz+zx)^8$$

$$s(10, 6, 0) = -2(x+y+z)^7(xyz)^3-5(x+y+z)^4(xyz)^4+14(x+y+z)(xyz)^5-4(x+y+z)^5(xy+yz+zx)(xyz)^3-60(x+y+z)^2(xy+yz+zx)(xyz)^4+9(x+y+z)^6(xy+yz+zx)^2(xyz)^2+80(x+y+z)^3(xy+yz+zx)^2(xyz)^3+5(xy+yz+zx)^2(xyz)^4-30(x+y+z)^4(xy+yz+zx)^3(xyz)^2-6(x+y+z)^5(xy+yz+zx)^4(xyz)-30(x+y+z)^2(xy+yz+zx)^4(xyz)^2+24(x+y+z)^3(xy+yz+zx)^5(xyz)+12(xy+yz+zx)^5(xyz)^2+(x+y+z)^4(xy+yz+zx)^6-8(x+y+z)(xy+yz+zx)^6(xyz)-4(x+y+z)^2(xy+yz+zx)^7$$

$$yz + zx)^7 + 2(xy + yz + zx)^8$$

$$\begin{aligned} s(11, 5, 0) = & -5(x + y + z)^7(xyz)^3 - 30(x + y + z)^4(xyz)^4 - 16(x + y + z)(xyz)^5 \\ & + 5(x + y + z)^8(xy + yz + zx)(xyz)^2 + 60(x + y + z)^5(xy + yz + zx)(xyz)^3 \\ & + 75(x + y + z)^2(xy + yz + zx)(xyz)^4 - 25(x + y + z)^6(xy + yz + zx)^2(xyz)^2 \\ & - 75(x + y + z)^3(xy + yz + zx)^2(xyz)^3 + 15(xy + yz + zx)^2(xyz)^4 - 5(x + y + z)^7 \\ & (xy + yz + zx)^3(xyz) - 15(x + y + z)^4(xy + yz + zx)^3(xyz)^2 - 65(x + y + z)(xy + yz + zx)^3 \\ & (xyz)^3 + 30(x + y + z)^5(xy + yz + zx)^4(xyz) + 95(x + y + z)^2(xy + yz + zx)^4 \\ & (xyz)^2 + (x + y + z)^6(xy + yz + zx)^5 - 39(x + y + z)^3(xy + yz + zx)^5(xyz) \\ & - 7(xy + yz + zx)^5(xyz)^2 - 6(x + y + z)^4(xy + yz + zx)^6 - 2(x + y + z)(xy + yz + zx)^6 \\ & (xyz) + 9(x + y + z)^2(xy + yz + zx)^7 - 2(xy + yz + zx)^8 \end{aligned}$$

$$\begin{aligned} s(12, 4, 0) = & +2(x + y + z)^{10}(xyz)^2 + 16(x + y + z)^7(xyz)^3 + 23(x + y + z)^4(xyz)^4 \\ & - 4(x + y + z)(xyz)^5 - 12(x + y + z)^8(xy + yz + zx)(xyz)^2 - 32(x + y + z)^5 \\ & (xy + yz + zx)(xyz)^3 + 36(x + y + z)^2(xy + yz + zx)(xyz)^4 - 4(x + y + z)^9 \\ & (xy + yz + zx)^2(xyz) - 24(x + y + z)^6(xy + yz + zx)^2(xyz)^2 - 128(x + y + z)^3 \\ & (xy + yz + zx)^2(xyz)^3 - 34(xy + yz + zx)^2(xyz)^4 + 32(x + y + z)^7(xy + yz + zx)^3 \\ & (xyz) + 176(x + y + z)^4(xy + yz + zx)^3(xyz)^2 + 128(x + y + z)(xy + yz + zx)^3 \\ & (xyz)^3 + (x + y + z)^8(xy + yz + zx)^4 - 72(x + y + z)^5(xy + yz + zx)^4(xyz) - 144 \\ & (x + y + z)^2(xy + yz + zx)^4(xyz)^2 - 8(x + y + z)^6(xy + yz + zx)^5 + 32(x + y + z)^3 \\ & (xy + yz + zx)^5(xyz) + 20(x + y + z)^4(xy + yz + zx)^6 + 16(x + y + z)(xy + yz + zx)^6 \\ & (xyz) - 16(x + y + z)^2(xy + yz + zx)^7 + 2(xy + yz + zx)^8 \end{aligned}$$

$$\begin{aligned} s(13, 3, 0) = & +3(x + y + z)^{10}(xyz)^2 + 29(x + y + z)^7(xyz)^3 + 68(x + y + z)^4(xyz)^4 \\ & + 23(x + y + z)(xyz)^5 - 3(x + y + z)^{11}(xy + yz + zx)(xyz) - 60(x + y + z)^8 \\ & (xy + yz + zx)(xyz)^2 - 248(x + y + z)^5(xy + yz + zx)(xyz)^3 - 189(x + y + z)^2 \\ & (xy + yz + zx)(xyz)^4 + 30(x + y + z)^9(xy + yz + zx)^2(xyz) + 285(x + y + z)^6 \\ & (xy + yz + zx)^2(xyz)^2 + 466(x + y + z)^3(xy + yz + zx)^2(xyz)^3 + 38(xy + yz + zx)^2 \\ & (xyz)^4 + (x + y + z)^{10}(xy + yz + zx)^3 - 95(x + y + z)^7(xy + yz + zx)^3(xyz) \\ & - 425(x + y + z)^4(xy + yz + zx)^3(xyz)^2 - 148(x + y + z)(xy + yz + zx)^3(xyz)^3 \\ & - 10(x + y + z)^8(xy + yz + zx)^4 + 90(x + y + z)^5(xy + yz + zx)^4(xyz) + 135 \\ & (x + y + z)^2(xy + yz + zx)^4(xyz)^2 + 35(x + y + z)^6(xy + yz + zx)^5 + 25(x + y + z)^3 \\ & (xy + yz + zx)^5(xyz) + 9(xy + yz + zx)^5(xyz)^2 - 50(x + y + z)^4(xy + yz + zx)^6 \\ & - 34(x + y + z)(xy + yz + zx)^6(xyz) + 25(x + y + z)^2(xy + yz + zx)^7 - 2(xy + yz + zx)^8 \end{aligned}$$

$$\begin{aligned} s(14, 2, 0) = & -2(x + y + z)^{13}(xyz) - 25(x + y + z)^{10}(xyz)^2 - 94(x + y + z)^7 \\ & (xyz)^3 - 105(x + y + z)^4(xyz)^4 - 16(x + y + z)(xyz)^5 + 24(x + y + z)^{11}(xy + \end{aligned}$$

$$\begin{aligned}
&yz + zx)(xyz) + 202(x + y + z)^8(xy + yz + zx)(xyz)^2 + 420(x + y + z)^5(xy + \\
&yz + zx)(xyz)^3 + 156(x + y + z)^2(xy + yz + zx)(xyz)^4 + (x + y + z)^{12}(xy + \\
&yz + zx)^2 - 96(x + y + z)^9(xy + yz + zx)^2(xyz) - 497(x + y + z)^6(xy + yz + \\
&zx)^2(xyz)^2 - 420(x + y + z)^3(xy + yz + zx)^2(xyz)^3 - 12(xy + yz + zx)^2(xyz)^4 - \\
&12(x + y + z)^{10}(xy + yz + zx)^3 + 128(x + y + z)^7(xy + yz + zx)^3(xyz) + 350(x + \\
&y + z)^4(xy + yz + zx)^3(xyz)^2 + 40(x + y + z)(xy + yz + zx)^3(xyz)^3 + 54(x + y + \\
&z)^8(xy + yz + zx)^4 + 42(x + y + z)^5(xy + yz + zx)^4(xyz) + 35(x + y + z)^2(xy + \\
&yz + zx)^4(xyz)^2 - 112(x + y + z)^6(xy + yz + zx)^5 - 168(x + y + z)^3(xy + yz + \\
&zx)^5(xyz) - 22(xy + yz + zx)^5(xyz)^2 + 105(x + y + z)^4(xy + yz + zx)^6 + 56(x + \\
&y + z)(xy + yz + zx)^6(xyz) - 36(x + y + z)^2(xy + yz + zx)^7 + 2(xy + yz + zx)^8
\end{aligned}$$

$$\begin{aligned}
s(15, 1, 0) = &-(x + y + z)^{13}(xyz) - 13(x + y + z)^{10}(xyz)^2 - 52(x + y + \\
&z)^7(xyz)^3 - 65(x + y + z)^4(xyz)^4 - 13(x + y + z)(xyz)^5 + (x + y + z)^{14}(xy + \\
&yz + zx) + 27(x + y + z)^{11}(xy + yz + zx)(xyz) + 180(x + y + z)^8(xy + yz + \\
&zx)(xyz)^2 + 371(x + y + z)^5(xy + yz + zx)(xyz)^3 + 165(x + y + z)^2(xy + \\
&yz + zx)(xyz)^4 - 14(x + y + z)^{12}(xy + yz + zx)^2 - 205(x + y + z)^9(xy + yz + \\
&zx)^2(xyz) - 756(x + y + z)^6(xy + yz + zx)^2(xyz)^2 - 670(x + y + z)^3(xy + \\
&yz + zx)^2(xyz)^3 - 40(xy + yz + zx)^2(xyz)^4 + 77(x + y + z)^{10}(xy + yz + \\
&zx)^3 + 660(x + y + z)^7(xy + yz + zx)^3(xyz) + 1190(x + y + z)^4(xy + yz + \\
&zx)^3(xyz)^2 + 270(x + y + z)(xy + yz + zx)^3(xyz)^3 - 210(x + y + z)^8(xy + \\
&yz + zx)^4 - 966(x + y + z)^5(xy + yz + zx)^4(xyz) - 615(x + y + z)^2(xy + yz + \\
&zx)^4(xyz)^2 + 294(x + y + z)^6(xy + yz + zx)^5 + 581(x + y + z)^3(xy + yz + \\
&zx)^5(xyz) + 48(xy + yz + zx)^5(xyz)^2 - 196(x + y + z)^4(xy + yz + zx)^6 - 97(x + \\
&y + z)(xy + yz + zx)^6(xyz) + 49(x + y + z)^2(xy + yz + zx)^7 - 2(xy + yz + zx)^8
\end{aligned}$$

$$\begin{aligned}
s(16, 0, 0) = &+(x + y + z)^{16} + 16(x + y + z)^{13}(xyz) + 88(x + y + z)^{10}(xyz)^2 + \\
&192(x + y + z)^7(xyz)^3 + 140(x + y + z)^4(xyz)^4 + 16(x + y + z)(xyz)^5 - 16(x + \\
&y + z)^{14}(xy + yz + zx) - 192(x + y + z)^{11}(xy + yz + zx)(xyz) - 720(x + y + \\
&z)^8(xy + yz + zx)(xyz)^2 - 896(x + y + z)^5(xy + yz + zx)(xyz)^3 - 240(x + \\
&y + z)^2(xy + yz + zx)(xyz)^4 + 104(x + y + z)^{12}(xy + yz + zx)^2 + 880(x + y + \\
&z)^9(xy + yz + zx)^2(xyz) + 2016(x + y + z)^6(xy + yz + zx)^2(xyz)^2 + 1120(x + \\
&y + z)^3(xy + yz + zx)^2(xyz)^3 + 40(xy + yz + zx)^2(xyz)^4 - 352(x + y + z)^{10}(xy + \\
&yz + zx)^3 - 1920(x + y + z)^7(xy + yz + zx)^3(xyz) - 2240(x + y + z)^4(xy + \\
&yz + zx)^3(xyz)^2 - 320(x + y + z)(xy + yz + zx)^3(xyz)^3 + 660(x + y + z)^8(xy + \\
&yz + zx)^4 + 2016(x + y + z)^5(xy + yz + zx)^4(xyz) + 840(x + y + z)^2(xy + \\
&yz + zx)^4(xyz)^2 - 672(x + y + z)^6(xy + yz + zx)^5 - 896(x + y + z)^3(xy + yz + \\
&zx)^5(xyz) - 48(xy + yz + zx)^5(xyz)^2 + 336(x + y + z)^4(xy + yz + zx)^6 + 112(x +
\end{aligned}$$

$$y+z)(xy+yz+zx)^6(xyz) - 64(x+y+z)^2(xy+yz+zx)^7 + 2(xy+yz+zx)^8$$

$$s(9, 8, 0) = +2(x+y+z)^5(xyz)^4 - 15(x+y+z)^2(xyz)^5 + 31(x+y+z)^3(xy+yz+zx)(xyz)^4 - 7(xy+yz+zx)(xyz)^5 - 16(x+y+z)^4(xy+yz+zx)^2(xyz)^3 + 33(x+y+z)(xy+yz+zx)^2(xyz)^4 - 46(x+y+z)^2(xy+yz+zx)^3(xyz)^3 + 20(x+y+z)^3(xy+yz+zx)^4(xyz)^2 - 7(xy+yz+zx)^4(xyz)^3 + 15(x+y+z)(xy+yz+zx)^5(xyz)^2 - 8(x+y+z)^2(xy+yz+zx)^6(xyz) - (xy+yz+zx)^7(xyz) + (x+y+z)(xy+yz+zx)^8$$

$$s(10, 7, 0) = +7(x+y+z)^5(xyz)^4 + 19(x+y+z)^2(xyz)^5 - 7(x+y+z)^6(xy+yz+zx)(xyz)^3 - 35(x+y+z)^3(xy+yz+zx)(xyz)^4 + 17(xy+yz+zx)(xyz)^5 - 80(x+y+z)(xy+yz+zx)^2(xyz)^4 + 14(x+y+z)^5(xy+yz+zx)^3(xyz)^2 + 105(x+y+z)^2(xy+yz+zx)^3(xyz)^3 - 35(x+y+z)^3(xy+yz+zx)^4(xyz)^2 + 20(xy+yz+zx)^4(xyz)^3 - 7(x+y+z)^4(xy+yz+zx)^5(xyz) - 42(x+y+z)(xy+yz+zx)^5(xyz)^2 + 21(x+y+z)^2(xy+yz+zx)^6(xyz) + (x+y+z)^3(xy+yz+zx)^7 + 3(xy+yz+zx)^7(xyz) - 3(x+y+z)(xy+yz+zx)^8$$

$$s(11, 6, 0) = -2(x+y+z)^8(xyz)^3 - 7(x+y+z)^5(xyz)^4 + 15(x+y+z)^2(xyz)^5 - 2(x+y+z)^6(xy+yz+zx)(xyz)^3 - 65(x+y+z)^3(xy+yz+zx)(xyz)^4 - 16(xy+yz+zx)(xyz)^5 + 9(x+y+z)^7(xy+yz+zx)^2(xyz)^2 + 95(x+y+z)^4(xy+yz+zx)^2(xyz)^3 + 75(x+y+z)(xy+yz+zx)^2(xyz)^4 - 39(x+y+z)^5(xy+yz+zx)^3(xyz)^2 - 75(x+y+z)^2(xy+yz+zx)^3(xyz)^3 - 6(x+y+z)^6(xy+yz+zx)^4(xyz) - 15(x+y+z)^3(xy+yz+zx)^4(xyz)^2 - 30(xy+yz+zx)^4(xyz)^3 + 30(x+y+z)^4(xy+yz+zx)^5(xyz) + 60(x+y+z)(xy+yz+zx)^5(xyz)^2 + (x+y+z)^5(xy+yz+zx)^6 - 25(x+y+z)^2(xy+yz+zx)^6(xyz) - 5(x+y+z)^3(xy+yz+zx)^7 - 5(xy+yz+zx)^7(xyz) + 5(x+y+z)(xy+yz+zx)^8$$

$$s(12, 5, 0) = -5(x+y+z)^8(xyz)^3 - 35(x+y+z)^5(xyz)^4 - 36(x+y+z)^2(xyz)^5 + 5(x+y+z)^9(xy+yz+zx)(xyz)^2 + 70(x+y+z)^6(xy+yz+zx)(xyz)^3 + 140(x+y+z)^3(xy+yz+zx)(xyz)^4 + 2(xy+yz+zx)(xyz)^5 - 30(x+y+z)^7(xy+yz+zx)^2(xyz)^2 - 140(x+y+z)^4(xy+yz+zx)^2(xyz)^3 - 5(x+y+z)^8(xy+yz+zx)^3(xyz) - 70(x+y+z)^2(xy+yz+zx)^3(xyz)^3 + 35(x+y+z)^6(xy+yz+zx)^4(xyz) + 140(x+y+z)^3(xy+yz+zx)^4(xyz)^2 + 35(xy+yz+zx)^4(xyz)^3 + (x+y+z)^7(xy+yz+zx)^5 - 63(x+y+z)^4(xy+yz+zx)^5(xyz) - 63(x+y+z)(xy+yz+zx)^5(xyz)^2 - 7(x+y+z)^5(xy+yz+zx)^6 + 14(x+y+z)^2(xy+yz+zx)^6(xyz) + 14(x+y+z)^3(xy+yz+zx)^7 + 7(xy+yz+zx)^7(xyz) - 7(x+y+z)(xy+yz+zx)^8$$

$$\begin{aligned}
s(13, 4, 0) = & +2(x+y+z)^{11}(xyz)^2 + 18(x+y+z)^8(xyz)^3 + 35(x+y+z)^5(xyz)^4 + (x+y+z)^2(xyz)^5 - 14(x+y+z)^9(xy+yz+zx)(xyz)^2 - 54(x+y+z)^6(xy+yz+zx)(xyz)^3 + 23(x+y+z)^3(xy+yz+zx)(xyz)^4 + 17(xy+yz+zx)(xyz)^5 - 4(x+y+z)^{10}(xy+yz+zx)^2(xyz) - 18(x+y+z)^7(xy+yz+zx)^2(xyz)^2 - 144(x+y+z)^4(xy+yz+zx)^2(xyz)^3 - 125(x+y+z)(xy+yz+zx)^2(xyz)^4 + 36(x+y+z)^8(xy+yz+zx)^3(xyz) + 228(x+y+z)^5(xy+yz+zx)^3(xyz)^2 + 306(x+y+z)^2(xy+yz+zx)^3(xyz)^3 + (x+y+z)^9(xy+yz+zx)^4 - 99(x+y+z)^6(xy+yz+zx)^4(xyz) - 300(x+y+z)^3(xy+yz+zx)^4(xyz)^2 - 33(xy+yz+zx)^4(xyz)^3 - 9(x+y+z)^7(xy+yz+zx)^5 + 75(x+y+z)^4(xy+yz+zx)^5(xyz) + 45(x+y+z)(xy+yz+zx)^5(xyz)^2 + 27(x+y+z)^5(xy+yz+zx)^6 + 18(x+y+z)^2(xy+yz+zx)^6(xyz) - 30(x+y+z)^3(xy+yz+zx)^7 - 9(xy+yz+zx)^7(xyz) + 9(x+y+z)(xy+yz+zx)^8
\end{aligned}$$

$$\begin{aligned}
s(14, 3, 0) = & +3(x+y+z)^{11}(xyz)^2 + 32(x+y+z)^8(xyz)^3 + 91(x+y+z)^5(xyz)^4 + 54(x+y+z)^2(xyz)^5 - 3(x+y+z)^{12}(xy+yz+zx)(xyz) - 66(x+y+z)^9(xy+yz+zx)(xyz)^2 - 322(x+y+z)^6(xy+yz+zx)(xyz)^3 - 364(x+y+z)^3(xy+yz+zx)(xyz)^4 - 25(xy+yz+zx)(xyz)^5 + 33(x+y+z)^{10}(xy+yz+zx)^2(xyz) + 363(x+y+z)^7(xy+yz+zx)^2(xyz)^2 + 805(x+y+z)^4(xy+yz+zx)^2(xyz)^3 + 207(x+y+z)(xy+yz+zx)^2(xyz)^4 + (x+y+z)^{11}(xy+yz+zx)^3 - 121(x+y+z)^8(xy+yz+zx)^3(xyz) - 693(x+y+z)^5(xy+yz+zx)^3(xyz)^2 - 490(x+y+z)^2(xy+yz+zx)^3(xyz)^3 - 11(x+y+z)^9(xy+yz+zx)^4 + 154(x+y+z)^6(xy+yz+zx)^4(xyz) + 385(x+y+z)^3(xy+yz+zx)^4(xyz)^2 + 20(xy+yz+zx)^4(xyz)^3 + 44(x+y+z)^7(xy+yz+zx)^5 - 77(x+y+z)^5(xy+yz+zx)^6 - 77(x+y+z)^2(xy+yz+zx)^6(xyz) + 55(x+y+z)^3(xy+yz+zx)^7 + 11(xy+yz+zx)^7(xyz) - 11(x+y+z)(xy+yz+zx)^8
\end{aligned}$$

$$\begin{aligned}
s(15, 2, 0) = & -2(x+y+z)^{14}(xyz) - 27(x+y+z)^{11}(xyz)^2 - 115(x+y+z)^8(xyz)^3 - 163(x+y+z)^5(xyz)^4 - 48(x+y+z)^2(xyz)^5 + 26(x+y+z)^{12}(xy+yz+zx)(xyz) + 245(x+y+z)^9(xy+yz+zx)(xyz)^2 + 623(x+y+z)^6(xy+yz+zx)(xyz)^3 + 370(x+y+z)^3(xy+yz+zx)(xyz)^4 + 11(xy+yz+zx)(xyz)^5 + (x+y+z)^{13}(xy+yz+zx)^2 - 117(x+y+z)^{10}(xy+yz+zx)^2(xyz) - 720(x+y+z)^7(xy+yz+zx)^2(xyz)^2 - 880(x+y+z)^4(xy+yz+zx)^2(xyz)^3 - 105(x+y+z)(xy+yz+zx)^2(xyz)^4 - 13(x+y+z)^{11}(xy+yz+zx)^3 + 195(x+y+z)^8(xy+yz+zx)^3(xyz) + 714(x+y+z)^5(xy+yz+zx)^3(xyz)^2 + 240(x+y+z)^2(xy+yz+zx)^3(xyz)^3 + 65(x+y+z)^9(xy+yz+zx)^4 - 55(x+y+z)^3(xy+yz+zx)^4(xyz)^2 + 15(xy+yz+zx)^4(xyz)^3 - 156(x+y+z)^7(xy+yz+zx)^5 - 273(x+y+z)^4(xy+yz+zx)^5(xyz) - 93(x+y+z)(xy+yz+zx)^5(xyz)^2 +
\end{aligned}$$

$$182(x+y+z)^5(xy+yz+zx)^6+169(x+y+z)^2(xy+yz+zx)^6(xyz)-91(x+y+z)^3(xy+yz+zx)^7-13(xy+yz+zx)^7(xyz)+13(x+y+z)(xy+yz+zx)^8$$

$$\begin{aligned} s(16, 1, 0) = & -(x+y+z)^{14}(xyz) - 14(x+y+z)^{11}(xyz)^2 - 63(x+y+z)^8(xyz)^3 - 98(x+y+z)^5(xyz)^4 - 35(x+y+z)^2(xyz)^5 + (x+y+z)^{15}(xy+yz+zx) \\ & + 29(x+y+z)^{12}(xy+yz+zx)(xyz) + 215(x+y+z)^9(xy+yz+zx)(xyz)^2 + 532(x+y+z)^6(xy+yz+zx)(xyz)^3 + 355(x+y+z)^3(xy+yz+zx)(xyz)^4 + \\ & 17(xy+yz+zx)(xyz)^5 - 15(x+y+z)^{13}(xy+yz+zx)^2 - 242(x+y+z)^{10}(xy+yz+zx)^2(xyz) - 1044(x+y+z)^7(xy+yz+zx)^2(xyz)^2 - 1260(x+y+z)^4(xy+yz+zx)^2(xyz)^3 \\ & - 215(x+y+z)(xy+yz+zx)^2(xyz)^4 + 90(x+y+z)^{11}(xy+yz+zx)^3 + 885(x+y+z)^8(xy+yz+zx)^3(xyz) + 2044(x+y+z)^5(xy+yz+zx)^3(xyz)^2 \\ & + 870(x+y+z)^2(xy+yz+zx)^3(xyz)^3 - 275(x+y+z)^9(xy+yz+zx)^4 - 1554(x+y+z)^6(xy+yz+zx)^4(xyz) - 1540(x+y+z)^3(xy+yz+zx)^4(xyz)^2 \\ & - 85(xy+yz+zx)^4(xyz)^3 + 450(x+y+z)^7(xy+yz+zx)^5 + 1246(x+y+z)^4(xy+yz+zx)^5(xyz) + 309(x+y+z)(xy+yz+zx)^5(xyz)^2 - \\ & 378(x+y+z)^5(xy+yz+zx)^6 - 364(x+y+z)^2(xy+yz+zx)^6(xyz) + 140(x+y+z)^3(xy+yz+zx)^7 + 17(xy+yz+zx)^7(xyz) - 15(x+y+z)(xy+yz+zx)^8 \end{aligned}$$

$$\begin{aligned} s(17, 0, 0) = & +(x+y+z)^{17} + 17(x+y+z)^{14}(xyz) + 102(x+y+z)^{11}(xyz)^2 + 255(x+y+z)^8(xyz)^3 + 238(x+y+z)^5(xyz)^4 + 51(x+y+z)^2(xyz)^5 - \\ & 17(x+y+z)^{15}(xy+yz+zx) - 221(x+y+z)^{12}(xy+yz+zx)(xyz) - 935(x+y+z)^9(xy+yz+zx)(xyz)^2 - 1428(x+y+z)^6(xy+yz+zx)(xyz)^3 - \\ & 595(x+y+z)^3(xy+yz+zx)(xyz)^4 - 17(xy+yz+zx)(xyz)^5 + 119(x+y+z)^{13}(xy+yz+zx)^2 + 1122(x+y+z)^{10}(xy+yz+zx)^2(xyz) + 3060(x+y+z)^7(xy+yz+zx)^2(xyz)^2 \\ & + 2380(x+y+z)^4(xy+yz+zx)^2(xyz)^3 + 255(x+y+z)(xy+yz+zx)^2(xyz)^4 - 442(x+y+z)^{11}(xy+yz+zx)^3 - 2805(x+y+z)^8(xy+yz+zx)^3(xyz) - 4284(x+y+z)^5(xy+yz+zx)^3(xyz)^2 - 1190(x+y+z)^2(xy+yz+zx)^3(xyz)^3 \\ & + 935(x+y+z)^9(xy+yz+zx)^4 + 3570(x+y+z)^6(xy+yz+zx)^4(xyz) + 2380(x+y+z)^3(xy+yz+zx)^4(xyz)^2 + 85(xy+yz+zx)^4(xyz)^3 - 1122(x+y+z)^7(xy+yz+zx)^5 - 2142(x+y+z)^4(xy+yz+zx)^5(xyz) - 357(x+y+z)(xy+yz+zx)^5(xyz)^2 \\ & + 714(x+y+z)^5(xy+yz+zx)^6 + 476(x+y+z)^2(xy+yz+zx)^6(xyz) - 204(x+y+z)^3(xy+yz+zx)^7 - 17(xy+yz+zx)^7(xyz) + 17(x+y+z)(xy+yz+zx)^8 \end{aligned}$$

$$\begin{aligned} s(9, 9, 0) = & -9(x+y+z)^3(xyz)^5 + 3(xyz)^6 + 9(x+y+z)^4(xy+yz+zx)(xyz)^4 - 27(x+y+z)(xy+yz+zx)(xyz)^5 + 54(x+y+z)^2(xy+yz+zx)^2(xyz)^4 - \\ & 30(x+y+z)^3(xy+yz+zx)^3(xyz)^3 + 18(xy+yz+zx)^3(xyz)^4 - \end{aligned}$$

$$45(x+y+z)(xy+yz+zx)^4(xyz)^3 + 27(x+y+z)^2(xy+yz+zx)^5(xyz)^2 + 9(xy+yz+zx)^6(xyz)^2 - 9(x+y+z)(xy+yz+zx)^7(xyz) + (xy+yz+zx)^9$$

$$s(10, 8, 0) = +2(x+y+z)^6(xyz)^4 - 6(x+y+z)^3(xyz)^5 - 3(xyz)^6 + 20(x+y+z)^4(xy+yz+zx)(xyz)^4 + 28(x+y+z)(xy+yz+zx)(xyz)^5 - 16(x+y+z)^5(xy+yz+zx)^2(xyz)^3 - 45(x+y+z)^2(xy+yz+zx)^2(xyz)^4 - 30(xy+yz+zx)^3(xyz)^4 + 20(x+y+z)^4(xy+yz+zx)^4(xyz)^2 + 70(x+y+z)(xy+yz+zx)^4(xyz)^3 - 32(x+y+z)^2(xy+yz+zx)^5(xyz)^2 - 8(x+y+z)^3(xy+yz+zx)^6(xyz) - 17(xy+yz+zx)^6(xyz)^2 + 16(x+y+z)(xy+yz+zx)^7(xyz) + (x+y+z)^2(xy+yz+zx)^8 - 2(xy+yz+zx)^9$$

$$s(11, 7, 0) = +7(x+y+z)^6(xyz)^4 + 28(x+y+z)^3(xyz)^5 - 3(xyz)^6 - 7(x+y+z)^7(xy+yz+zx)(xyz)^3 - 49(x+y+z)^4(xy+yz+zx)(xyz)^4 + 31(x+y+z)(xy+yz+zx)(xyz)^5 + 7(x+y+z)^5(xy+yz+zx)^2(xyz)^3 - 98(x+y+z)^2(xy+yz+zx)^2(xyz)^4 + 14(x+y+z)^6(xy+yz+zx)^3(xyz)^2 + 126(x+y+z)^3(xy+yz+zx)^3(xyz)^3 + 13(xy+yz+zx)^3(xyz)^4 - 49(x+y+z)^4(xy+yz+zx)^4(xyz)^2 - 14(x+y+z)(xy+yz+zx)^4(xyz)^3 - 7(x+y+z)^5(xy+yz+zx)^5(xyz) - 28(x+y+z)^2(xy+yz+zx)^5(xyz)^2 + 28(x+y+z)^3(xy+yz+zx)^6(xyz) + 14(xy+yz+zx)^6(xyz)^2 + (x+y+z)^4(xy+yz+zx)^7 - 10(x+y+z)(xy+yz+zx)^7(xyz) - 4(x+y+z)^2(xy+yz+zx)^8 + 2(xy+yz+zx)^9$$

$$s(12, 6, 0) = -2(x+y+z)^9(xyz)^3 - 9(x+y+z)^6(xyz)^4 + 12(x+y+z)^3(xyz)^5 + 6(xyz)^6 - 66(x+y+z)^4(xy+yz+zx)(xyz)^4 - 72(x+y+z)(xy+yz+zx)(xyz)^5 + 9(x+y+z)^8(xy+yz+zx)^2(xyz)^2 + 108(x+y+z)^5(xy+yz+zx)^2(xyz)^3 + 198(x+y+z)^2(xy+yz+zx)^2(xyz)^4 - 48(x+y+z)^6(xy+yz+zx)^3(xyz)^2 - 176(x+y+z)^3(xy+yz+zx)^3(xyz)^3 + 12(xy+yz+zx)^3(xyz)^4 - 6(x+y+z)^7(xy+yz+zx)^4(xyz) + 9(x+y+z)^4(xy+yz+zx)^4(xyz)^2 - 66(x+y+z)(xy+yz+zx)^4(xyz)^3 + 36(x+y+z)^5(xy+yz+zx)^5(xyz) + 108(x+y+z)^2(xy+yz+zx)^5(xyz)^2 + (x+y+z)^6(xy+yz+zx)^6 - 48(x+y+z)^3(xy+yz+zx)^6(xyz) - 9(xy+yz+zx)^6(xyz)^2 - 6(x+y+z)^4(xy+yz+zx)^7 + 9(x+y+z)^2(xy+yz+zx)^8 - 2(xy+yz+zx)^9$$

$$s(13, 5, 0) = -5(x+y+z)^9(xyz)^3 - 40(x+y+z)^6(xyz)^4 - 61(x+y+z)^3(xyz)^5 - 3(xyz)^6 + 5(x+y+z)^{10}(xy+yz+zx)(xyz)^2 + 80(x+y+z)^7(xy+yz+zx)(xyz)^3 + 220(x+y+z)^4(xy+yz+zx)(xyz)^4 + 43(x+y+z)(xy+yz+zx)(xyz)^5 - 35(x+y+z)^8(xy+yz+zx)^2(xyz)^2 - 220(x+y+z)^5(xy+yz+zx)^2(xyz)^3 - 100(x+y+z)^2(xy+yz+zx)^2(xyz)^4 - 5(x+y+z)^9(xy+yz+zx)^3(xyz) + 20(x+y+z)^6(xy+yz+zx)^3(xyz)^2 - 20(x+y+z)^3(xy+yz+zx)$$

$$\begin{aligned}
&zx)^3(xyz)^3 - 40(xy+yz+zx)^3(xyz)^4 + 40(x+y+z)^7(xy+yz+zx)^4(xyz) + \\
&180(x+y+z)^4(xy+yz+zx)^4(xyz)^2 + 150(x+y+z)(xy+yz+zx)^4(xyz)^3 + \\
&(x+y+z)^8(xy+yz+zx)^5 - 92(x+y+z)^5(xy+yz+zx)^5(xyz) - 178(x+y+ \\
&z)^2(xy+yz+zx)^5(xyz)^2 - 8(x+y+z)^6(xy+yz+zx)^6 + 48(x+y+z)^3(xy+ \\
&yz+zx)^6(xyz) + 2(xy+yz+zx)^6(xyz)^2 + 20(x+y+z)^4(xy+yz+zx)^7 + 14(x+ \\
&y+z)(xy+yz+zx)^7(xyz) - 16(x+y+z)^2(xy+yz+zx)^8 + 2(xy+yz+zx)^9
\end{aligned}$$

$$\begin{aligned}
s(14, 4, 0) = &+2(x+y+z)^{12}(xyz)^2 + 20(x+y+z)^9(xyz)^3 + 49(x+y+z) \\
&^6(xyz)^4 + 14(x+y+z)^3(xyz)^5 - 3(xyz)^6 - 16(x+y+z)^{10}(xy+yz+ \\
&zx)(xyz)^2 - 80(x+y+z)^7(xy+yz+zx)(xyz)^3 - 14(x+y+z)^4(xy+yz+ \\
&zx)(xyz)^4 + 52(x+y+z)(xy+yz+zx)(xyz)^5 - 4(x+y+z)^{11}(xy+yz+ \\
&zx)^2(xyz) - 10(x+y+z)^8(xy+yz+zx)^2(xyz)^2 - 140(x+y+z)^5(xy+yz+ \\
&zx)^2(xyz)^3 - 259(x+y+z)^2(xy+yz+zx)^2(xyz)^4 + 40(x+y+z)^9(xy+yz+ \\
&zx)^3(xyz) + 280(x+y+z)^6(xy+yz+zx)^3(xyz)^2 + 560(x+y+z)^3(xy+yz+ \\
&zx)^3(xyz)^3 + 62(xy+yz+zx)^3(xyz)^4 + (x+y+z)^{10}(xy+yz+zx)^4 - 130(x+ \\
&y+z)^7(xy+yz+zx)^4(xyz) - 525(x+y+z)^4(xy+yz+zx)^4(xyz)^2 - 210(x+y+ \\
&z)(xy+yz+zx)^4(xyz)^3 - 10(x+y+z)^8(xy+yz+zx)^5 + 140(x+y+z)^5(xy+ \\
&yz+zx)^5(xyz) + 196(x+y+z)^2(xy+yz+zx)^5(xyz)^2 + 35(x+y+z)^6(xy+ \\
&yz+zx)^6 + 7(xy+yz+zx)^6(xyz)^2 - 50(x+y+z)^4(xy+yz+zx)^7 - 32(x+ \\
&y+z)(xy+yz+zx)^7(xyz) + 25(x+y+z)^2(xy+yz+zx)^8 - 2(xy+yz+zx)^9
\end{aligned}$$

$$\begin{aligned}
s(15, 3, 0) = &+3(x+y+z)^{12}(xyz)^2 + 35(x+y+z)^9(xyz)^3 + 117(x+y+z) \\
&^6(xyz)^4 + 102(x+y+z)^3(xyz)^5 + 6(xyz)^6 - 3(x+y+z)^{13}(xy+yz+ \\
&zx)(xyz) - 72(x+y+z)^{10}(xy+yz+zx)(xyz)^2 - 405(x+y+z)^7(xy+yz+ \\
&zx)(xyz)^3 - 615(x+y+z)^4(xy+yz+zx)(xyz)^4 - 126(x+y+z)(xy+yz+ \\
&zx)(xyz)^5 + 36(x+y+z)^{11}(xy+yz+zx)^2(xyz) + 450(x+y+z)^8(xy+yz+ \\
&zx)^2(xyz)^2 + 1269(x+y+z)^5(xy+yz+zx)^2(xyz)^3 + 630(x+y+z)^2(xy+ \\
&yz+zx)^2(xyz)^4 + (x+y+z)^{12}(xy+yz+zx)^3 - 150(x+y+z)^9(xy+yz+ \\
&zx)^3(xyz) - 1050(x+y+z)^6(xy+yz+zx)^3(xyz)^2 - 1190(x+y+z)^3(xy+ \\
&yz+zx)^3(xyz)^3 - 60(xy+yz+zx)^3(xyz)^4 - 12(x+y+z)^{10}(xy+yz+zx)^4 + \\
&240(x+y+z)^7(xy+yz+zx)^4(xyz) + 855(x+y+z)^4(xy+yz+zx)^4(xyz)^2 + \\
&195(x+y+z)(xy+yz+zx)^4(xyz)^3 + 54(x+y+z)^8(xy+yz+zx)^5 - \\
&63(x+y+z)^5(xy+yz+zx)^5(xyz) - 108(x+y+z)^2(xy+yz+zx)^5(xyz)^2 - \\
&112(x+y+z)^6(xy+yz+zx)^6 - 132(x+y+z)^3(xy+yz+zx)^6(xyz) - \\
&18(xy+yz+zx)^6(xyz)^2 + 105(x+y+z)^4(xy+yz+zx)^7 + 54(x+y+z) \\
&^2(xy+yz+zx)^7(xyz) - 36(x+y+z)^2(xy+yz+zx)^8 + 2(xy+yz+zx)^9
\end{aligned}$$

$$\begin{aligned}
s(16, 2, 0) = & -2(x+y+z)^{15}(xyz) - 29(x+y+z)^{12}(xyz)^2 - 138(x+y+z)^9(xyz)^3 - 238(x+y+z)^6(xyz)^4 - 110(x+y+z)^3(xyz)^5 - 3(xyz)^6 + 28(x+y+z)^{13}(xy+yz+zx)(xyz) + 292(x+y+z)^{10}(xy+yz+zx)(xyz)^2 + 880(x+y+z)^7(xy+yz+zx)(xyz)^3 + 740(x+y+z)^4(xy+yz+zx)(xyz)^4 + 76(x+y+z)(xy+yz+zx)(xyz)^5 + (x+y+z)^{14}(xy+yz+zx)^2 - 140(x+y+z)^{11}(xy+yz+zx)^2(xyz) - 999(x+y+z)^8(xy+yz+zx)^2(xyz)^2 - 1624(x+y+z)^5(xy+yz+zx)^2(xyz)^3 - 425(x+y+z)^2(xy+yz+zx)^2(xyz)^4 - 14(x+y+z)^{12}(xy+yz+zx)^3 + 280(x+y+z)^9(xy+yz+zx)^3(xyz) + 1288(x+y+z)^6(xy+yz+zx)^3(xyz)^2 + 800(x+y+z)^3(xy+yz+zx)^3(xyz)^3 + 10(xy+yz+zx)^3(xyz)^4 + 77(x+y+z)^{10}(xy+yz+zx)^4 - 84(x+y+z)^7(xy+yz+zx)^4(xyz) - 350(x+y+z)^4(xy+yz+zx)^4(xyz)^2 + 10(x+y+z)(xy+yz+zx)^4(xyz)^3 - 210(x+y+z)^8(xy+yz+zx)^5 - 392(x+y+z)^5(xy+yz+zx)^5(xyz) - 216(x+y+z)^2(xy+yz+zx)^5(xyz)^2 + 294(x+y+z)^6(xy+yz+zx)^6 + 392(x+y+z)^3(xy+yz+zx)^6(xyz) + 33(xy+yz+zx)^6(xyz)^2 - 196(x+y+z)^4(xy+yz+zx)^7 - 80(x+y+z)(xy+yz+zx)^7(xyz) + 49(x+y+z)^2(xy+yz+zx)^8 - 2(xy+yz+zx)^9
\end{aligned}$$

$$\begin{aligned}
s(17, 1, 0) = & -(x+y+z)^{15}(xyz) - 15(x+y+z)^{12}(xyz)^2 - 75(x+y+z)^9(xyz)^3 - 140(x+y+z)^6(xyz)^4 - 75(x+y+z)^3(xyz)^5 - 3(xyz)^6 + (x+y+z)^{16}(xy+yz+zx) + 31(x+y+z)^{13}(xy+yz+zx)(xyz) + 253(x+y+z)^{10}(xy+yz+zx)(xyz)^2 + 732(x+y+z)^7(xy+yz+zx)(xyz)^3 + 665(x+y+z)^4(xy+yz+zx)(xyz)^4 + 91(x+y+z)(xy+yz+zx)(xyz)^5 - 16(x+y+z)^{14}(xy+yz+zx)^2 - 282(x+y+z)^{11}(xy+yz+zx)^2(xyz) - 1395(x+y+z)^8(xy+yz+zx)^2(xyz)^2 - 2156(x+y+z)^5(xy+yz+zx)^2(xyz)^3 - 690(x+y+z)^2(xy+yz+zx)^2(xyz)^4 + 104(x+y+z)^{12}(xy+yz+zx)^3 + 1155(x+y+z)^9(xy+yz+zx)^3(xyz) + 3276(x+y+z)^6(xy+yz+zx)^3(xyz)^2 + 2170(x+y+z)^3(xy+yz+zx)^3(xyz)^3 + 90(xy+yz+zx)^3(xyz)^4 - 352(x+y+z)^{10}(xy+yz+zx)^4 - 2370(x+y+z)^7(xy+yz+zx)^4(xyz) - 3290(x+y+z)^4(xy+yz+zx)^4(xyz)^2 - 545(x+y+z)(xy+yz+zx)^4(xyz)^3 + 660(x+y+z)^8(xy+yz+zx)^5 + 2394(x+y+z)^5(xy+yz+zx)^5(xyz) + 1155(x+y+z)^2(xy+yz+zx)^5(xyz)^2 - 672(x+y+z)^6(xy+yz+zx)^6 - 1036(x+y+z)^3(xy+yz+zx)^6(xyz) - 63(xy+yz+zx)^6(xyz)^2 + 336(x+y+z)^4(xy+yz+zx)^7 + 127(x+y+z)(xy+yz+zx)^7(xyz) - 64(x+y+z)^2(xy+yz+zx)^8 + 2(xy+yz+zx)^9
\end{aligned}$$

$$\begin{aligned}
s(18, 0, 0) = & +(x+y+z)^{18} + 18(x+y+z)^{15}(xyz) + 117(x+y+z)^{12}(xyz)^2 + 330(x+y+z)^9(xyz)^3 + 378(x+y+z)^6(xyz)^4 + 126(x+y+z)^3(xyz)^5 + 3(xyz)^6 - 18(x+y+z)^{16}(xy+yz+zx) - 252(x+y+z)^{13}(xy+yz+zx)(xyz) - 1188(x+y+z)^{10}(xy+yz+zx)(xyz)^2 - 2160(x+y+z)^7(xy+
\end{aligned}$$

$$\begin{aligned}
&yz + zx)(xyz)^3 - 1260(x + y + z)^4(xy + yz + zx)(xyz)^4 - 108(x + y + z)(xy + \\
&yz + zx)(xyz)^5 + 135(x + y + z)^{14}(xy + yz + zx)^2 + 1404(x + y + z)^{11}(xy + \\
&yz + zx)^2(xyz) + 4455(x + y + z)^8(xy + yz + zx)^2(xyz)^2 + 4536(x + y + \\
&z)^5(xy + yz + zx)^2(xyz)^3 + 945(x + y + z)^2(xy + yz + zx)^2(xyz)^4 - 546(x + \\
&y + z)^{12}(xy + yz + zx)^3 - 3960(x + y + z)^9(xy + yz + zx)^3(xyz) - 7560(x + \\
&y + z)^6(xy + yz + zx)^3(xyz)^2 - 3360(x + y + z)^3(xy + yz + zx)^3(xyz)^3 - \\
&90(xy + yz + zx)^3(xyz)^4 + 1287(x + y + z)^{10}(xy + yz + zx)^4 + 5940(x + y + \\
&z)^7(xy + yz + zx)^4(xyz) + 5670(x + y + z)^4(xy + yz + zx)^4(xyz)^2 + 630(x + \\
&y + z)(xy + yz + zx)^4(xyz)^3 - 1782(x + y + z)^8(xy + yz + zx)^5 - 4536(x + \\
&y + z)^5(xy + yz + zx)^5(xyz) - 1512(x + y + z)^2(xy + yz + zx)^5(xyz)^2 + \\
&1386(x + y + z)^6(xy + yz + zx)^6 + 1512(x + y + z)^3(xy + yz + zx)^6(xyz) + \\
&63(xy + yz + zx)^6(xyz)^2 - 540(x + y + z)^4(xy + yz + zx)^7 - 144(x + y + \\
&z)(xy + yz + zx)^7(xyz) + 81(x + y + z)^2(xy + yz + zx)^8 - 2(xy + yz + zx)^9
\end{aligned}$$

$$\begin{aligned}
s(10, 9, 0) = &-11(x + y + z)^4(xyz)^5 + 11(x + y + z)(xyz)^6 + 9(x + y + \\
&z)^5(xy + yz + zx)(xyz)^4 - 51(x + y + z)^2(xy + yz + zx)(xyz)^5 + 70(x + \\
&y + z)^3(xy + yz + zx)^2(xyz)^4 - 12(xy + yz + zx)^2(xyz)^5 - 30(x + y + \\
&z)^4(xy + yz + zx)^3(xyz)^3 + 50(x + y + z)(xy + yz + zx)^3(xyz)^4 - 65(x + y + \\
&z)^2(xy + yz + zx)^4(xyz)^3 + 27(x + y + z)^3(xy + yz + zx)^5(xyz)^2 - 8(xy + \\
&yz + zx)^5(xyz)^3 + 17(x + y + z)(xy + yz + zx)^6(xyz)^2 - 9(x + y + z)^2(xy + \\
&yz + zx)^7(xyz) - (xy + yz + zx)^8(xyz) + (x + y + z)(xy + yz + zx)^9
\end{aligned}$$

$$\begin{aligned}
s(11, 8, 0) = &+2(x + y + z)^7(xyz)^4 - 2(x + y + z)^4(xyz)^5 - 19(x + y + \\
&z)(xyz)^6 + 18(x + y + z)^5(xy + yz + zx)(xyz)^4 + 91(x + y + z)^2(xy + yz + \\
&zx)(xyz)^5 - 16(x + y + z)^6(xy + yz + zx)^2(xyz)^3 - 108(x + y + z)^3(xy + yz + \\
&zx)^2(xyz)^4 + 31(xy + yz + zx)^2(xyz)^5 + 16(x + y + z)^4(xy + yz + zx)^3(xyz)^3 - \\
&127(x + y + z)(xy + yz + zx)^3(xyz)^4 + 20(x + y + z)^5(xy + yz + zx)^4(xyz)^2 + \\
&156(x + y + z)^2(xy + yz + zx)^4(xyz)^3 - 52(x + y + z)^3(xy + yz + zx)^5(xyz)^2 + \\
&23(xy + yz + zx)^5(xyz)^3 - 8(x + y + z)^4(xy + yz + zx)^6(xyz) - 48(x + y + \\
&z)(xy + yz + zx)^6(xyz)^2 + 24(x + y + z)^2(xy + yz + zx)^7(xyz) + (x + y + \\
&z)^3(xy + yz + zx)^8 + 3(xy + yz + zx)^8(xyz) - 3(x + y + z)(xy + yz + zx)^9
\end{aligned}$$

$$\begin{aligned}
s(12, 7, 0) = &+7(x + y + z)^7(xyz)^4 + 35(x + y + z)^4(xyz)^5 + 2(x + y + \\
&z)(xyz)^6 - 7(x + y + z)^8(xy + yz + zx)(xyz)^3 - 63(x + y + z)^5(xy + yz + \\
&zx)(xyz)^4 + 14(x + y + z)^6(xy + yz + zx)^2(xyz)^3 - 70(x + y + z)^3(xy + \\
&yz + zx)^2(xyz)^4 - 36(xy + yz + zx)^2(xyz)^5 + 14(x + y + z)^7(xy + yz + \\
&zx)^3(xyz)^2 + 140(x + y + z)^4(xy + yz + zx)^3(xyz)^3 + 140(x + y + z)(xy + yz +
\end{aligned}$$

$$zx)^3(xyz)^4 - 63(x+y+z)^5(xy+yz+zx)^4(xyz)^2 - 140(x+y+z)^2(xy+yz+zx)^4(xyz)^3 - 7(x+y+z)^6(xy+yz+zx)^5(xyz) - 35(xy+yz+zx)^5(xyz)^3 + 35(x+y+z)^4(xy+yz+zx)^6(xyz) + 70(x+y+z)(xy+yz+zx)^6(xyz)^2 + (x+y+z)^5(xy+yz+zx)^7 - 30(x+y+z)^2(xy+yz+zx)^7(xyz) - 5(x+y+z)^3(xy+yz+zx)^8 - 5(xy+yz+zx)^8(xyz) + 5(x+y+z)(xy+yz+zx)^9$$

$$s(13, 6, 0) = -2(x+y+z)^{10}(xyz)^3 - 11(x+y+z)^7(xyz)^4 + 7(x+y+z)^4(xyz)^5 + 20(x+y+z)(xyz)^6 + 2(x+y+z)^8(xy+yz+zx)(xyz)^3 - 63(x+y+z)^5(xy+yz+zx)(xyz)^4 - 147(x+y+z)^2(xy+yz+zx)(xyz)^5 + 9(x+y+z)^9(xy+yz+zx)^2(xyz)^2 + 119(x+y+z)^6(xy+yz+zx)^2(xyz)^3 + 343(x+y+z)^3(xy+yz+zx)^2(xyz)^4 + 21(xy+yz+zx)^2(xyz)^5 - 57(x+y+z)^7(xy+yz+zx)^3(xyz)^2 - 301(x+y+z)^4(xy+yz+zx)^3(xyz)^3 - 63(x+y+z)(xy+yz+zx)^3(xyz)^4 - 6(x+y+z)^8(xy+yz+zx)^4(xyz) + 42(x+y+z)^5(xy+yz+zx)^4(xyz)^2 - 21(x+y+z)^2(xy+yz+zx)^4(xyz)^3 + 42(x+y+z)^6(xy+yz+zx)^5(xyz) + 147(x+y+z)^3(xy+yz+zx)^5(xyz)^2 + 42(xy+yz+zx)^5(xyz)^3 + (x+y+z)^7(xy+yz+zx)^6 - 77(x+y+z)^4(xy+yz+zx)^6(xyz) - 77(x+y+z)(xy+yz+zx)^6(xyz)^2 - 7(x+y+z)^5(xy+yz+zx)^7 + 21(x+y+z)^2(xy+yz+zx)^7(xyz) + 14(x+y+z)^3(xy+yz+zx)^8 + 7(xy+yz+zx)^8(xyz) - 7(x+y+z)(xy+yz+zx)^9$$

$$s(14, 5, 0) = -5(x+y+z)^{10}(xyz)^3 - 45(x+y+z)^7(xyz)^4 - 91(x+y+z)^4(xyz)^5 - 19(x+y+z)(xyz)^6 + 5(x+y+z)^{11}(xy+yz+zx)(xyz)^2 + 90(x+y+z)^8(xy+yz+zx)(xyz)^3 + 315(x+y+z)^5(xy+yz+zx)(xyz)^4 + 154(x+y+z)^2(xy+yz+zx)(xyz)^5 - 40(x+y+z)^9(xy+yz+zx)^2(xyz)^2 - 315(x+y+z)^6(xy+yz+zx)^2(xyz)^3 - 315(x+y+z)^3(xy+yz+zx)^2(xyz)^4 + 13(xy+yz+zx)^2(xyz)^5 - 5(x+y+z)^{10}(xy+yz+zx)^3(xyz) + 45(x+y+z)^7(xy+yz+zx)^3(xyz)^2 + 105(x+y+z)^4(xy+yz+zx)^3(xyz)^3 - 105(x+y+z)(xy+yz+zx)^3(xyz)^4 + 45(x+y+z)^8(xy+yz+zx)^4(xyz) + 210(x+y+z)^5(xy+yz+zx)^4(xyz)^2 + 315(x+y+z)^2(xy+yz+zx)^4(xyz)^3 + (x+y+z)^9(xy+yz+zx)^5 - 126(x+y+z)^6(xy+yz+zx)^5(xyz) - 357(x+y+z)^3(xy+yz+zx)^5(xyz)^2 - 42(xy+yz+zx)^5(xyz)^3 - 9(x+y+z)^7(xy+yz+zx)^6 + 105(x+y+z)^4(xy+yz+zx)^6(xyz) + 63(x+y+z)(xy+yz+zx)^6(xyz)^2 + 27(x+y+z)^5(xy+yz+zx)^7 + 9(x+y+z)^2(xy+yz+zx)^7(xyz) - 30(x+y+z)^3(xy+yz+zx)^8 - 9(xy+yz+zx)^8(xyz) + 9(x+y+z)(xy+yz+zx)^9$$

$$s(15, 4, 0) = +2(x+y+z)^{13}(xyz)^2 + 22(x+y+z)^{10}(xyz)^3 + 65(x+y+z)^7(xyz)^4 + 37(x+y+z)^4(xyz)^5 - 7(x+y+z)(xyz)^6 - 18(x+y+z)^{11}(xy+$$

$$\begin{aligned}
&yz + zx)(xyz)^2 - 110(x + y + z)^8(xy + yz + zx)(xyz)^3 - 81(x + y + z)^5(xy + \\
&yz + zx)(xyz)^4 + 87(x + y + z)^2(xy + yz + zx)(xyz)^5 - 4(x + y + z)^{12}(xy + \\
&yz + zx)^2(xyz) - 110(x + y + z)^6(xy + yz + zx)^2(xyz)^3 - 410(x + y + z)^3(xy + \\
&yz + zx)^2(xyz)^4 - 51(xy + yz + zx)^2(xyz)^5 + 44(x + y + z)^{10}(xy + yz + \\
&zx)^3(xyz) + 330(x + y + z)^7(xy + yz + zx)^3(xyz)^2 + 880(x + y + z)^4(xy + \\
&yz + zx)^3(xyz)^3 + 315(x + y + z)(xy + yz + zx)^3(xyz)^4 + (x + y + z)^{11}(xy + \\
&yz + zx)^4 - 165(x + y + z)^8(xy + yz + zx)^4(xyz) - 825(x + y + z)^5(xy + yz + \\
&zx)^4(xyz)^2 - 660(x + y + z)^2(xy + yz + zx)^4(xyz)^3 - 11(x + y + z)^9(xy + \\
&yz + zx)^5 + 231(x + y + z)^6(xy + yz + zx)^5(xyz) + 528(x + y + z)^3(xy + yz + \\
&zx)^5(xyz)^2 + 33(xy + yz + zx)^5(xyz)^3 + 44(x + y + z)^7(xy + yz + zx)^6 - \\
&55(x + y + z)^4(xy + yz + zx)^6(xyz) - 22(x + y + z)(xy + yz + zx)^6(xyz)^2 - \\
&77(x + y + z)^5(xy + yz + zx)^7 - 66(x + y + z)^2(xy + yz + zx)^7(xyz) + 55(x + \\
&y + z)^3(xy + yz + zx)^8 + 11(xy + yz + zx)^8(xyz) - 11(x + y + z)(xy + yz + zx)^9
\end{aligned}$$

$$\begin{aligned}
s(16, 3, 0) = &+3(x + y + z)^{13}(xyz)^2 + 38(x + y + z)^{10}(xyz)^3 + 146(x + y + \\
&z)^7(xyz)^4 + 170(x + y + z)^4(xyz)^5 + 29(x + y + z)(xyz)^6 - 3(x + y + z)^{14}(xy + \\
&yz + zx)(xyz) - 78(x + y + z)^{11}(xy + yz + zx)(xyz)^2 - 497(x + y + z)^8(xy + yz + \\
&zx)(xyz)^3 - 954(x + y + z)^5(xy + yz + zx)(xyz)^4 - 369(x + y + z)^2(xy + yz + \\
&zx)(xyz)^5 + 39(x + y + z)^{12}(xy + yz + zx)^2(xyz) + 546(x + y + z)^9(xy + yz + \\
&zx)^2(xyz)^2 + 1876(x + y + z)^6(xy + yz + zx)^2(xyz)^3 + 1460(x + y + z)^3(xy + \\
&yz + zx)^2(xyz)^4 + 63(xy + yz + zx)^2(xyz)^5 + (x + y + z)^{13}(xy + yz + zx)^3 - \\
&182(x + y + z)^{10}(xy + yz + zx)^3(xyz) - 1508(x + y + z)^7(xy + yz + zx)^3(xyz)^2 - \\
&2420(x + y + z)^4(xy + yz + zx)^3(xyz)^3 - 415(x + y + z)(xy + yz + zx)^3(xyz)^4 - \\
&13(x + y + z)^{11}(xy + yz + zx)^4 + 351(x + y + z)^8(xy + yz + zx)^4(xyz) + 1638(x + \\
&y + z)^5(xy + yz + zx)^4(xyz)^2 + 820(x + y + z)^2(xy + yz + zx)^4(xyz)^3 + 65(x + y + \\
&z)^9(xy + yz + zx)^5 - 182(x + y + z)^6(xy + yz + zx)^5(xyz) - 468(x + y + z)^3(xy + \\
&yz + zx)^5(xyz)^2 - 11(xy + yz + zx)^5(xyz)^3 - 156(x + y + z)^7(xy + yz + zx)^6 - \\
&182(x + y + z)^4(xy + yz + zx)^6(xyz) - 52(x + y + z)(xy + yz + zx)^6(xyz)^2 + \\
&182(x + y + z)^5(xy + yz + zx)^7 + 156(x + y + z)^2(xy + yz + zx)^7(xyz) - 91(x + \\
&y + z)^3(xy + yz + zx)^8 - 13(xy + yz + zx)^8(xyz) + 13(x + y + z)(xy + yz + zx)^9
\end{aligned}$$

$$\begin{aligned}
s(17, 2, 0) = &-2(x + y + z)^{16}(xyz) - 31(x + y + z)^{13}(xyz)^2 - 163(x + y + \\
&z)^{10}(xyz)^3 - 332(x + y + z)^7(xyz)^4 - 215(x + y + z)^4(xyz)^5 - 19(x + y + \\
&z)(xyz)^6 + 30(x + y + z)^{14}(xy + yz + zx)(xyz) + 343(x + y + z)^{11}(xy + yz + \\
&zx)(xyz)^2 + 1197(x + y + z)^8(xy + yz + zx)(xyz)^3 + 1323(x + y + z)^5(xy + yz + \\
&zx)(xyz)^4 + 280(x + y + z)^2(xy + yz + zx)(xyz)^5 + (x + y + z)^{15}(xy + yz + zx)^2 - \\
&165(x + y + z)^{12}(xy + yz + zx)^2(xyz) - 1340(x + y + z)^9(xy + yz + zx)^2(xyz)^2 -
\end{aligned}$$

$$\begin{aligned}
& 2744(x+y+z)^6(xy+yz+zx)^2(xyz)^3 - 1215(x+y+z)^3(xy+yz+zx)^2(xyz)^4 - 23(xy+yz+zx)^2(xyz)^5 - 15(x+y+z)^{13}(xy+yz+zx)^3 + 385(x+y+z)^{10}(xy+yz+zx)^3(xyz) + 2136(x+y+z)^7(xy+yz+zx)^3(xyz)^2 + 2030(x+y+z)^4(xy+yz+zx)^3(xyz)^3 + 155(x+y+z)(xy+yz+zx)^3(xyz)^4 + 90(x+y+z)^{11}(xy+yz+zx)^4 - 225(x+y+z)^8(xy+yz+zx)^4(xyz) - 1022(x+y+z)^5(xy+yz+zx)^4(xyz)^2 - 195(x+y+z)^2(xy+yz+zx)^4(xyz)^3 - 275(x+y+z)^9(xy+yz+zx)^5 - 504(x+y+z)^6(xy+yz+zx)^5(xyz) - 329(x+y+z)^3(xy+yz+zx)^5(xyz)^2 - 37(xy+yz+zx)^5(xyz)^3 + 450(x+y+z)^7(xy+yz+zx)^6 + 770(x+y+z)^4(xy+yz+zx)^6(xyz) + 182(x+y+z)(xy+yz+zx)^6(xyz)^2 - 378(x+y+z)^5(xy+yz+zx)^7 - 285(x+y+z)^2(xy+yz+zx)^7(xyz) + 140(x+y+z)^3(xy+yz+zx)^8 + 15(xy+yz+zx)^8(xyz) - 15(x+y+z)(xy+yz+zx)^9
\end{aligned}$$

$$\begin{aligned}
s(18, 1, 0) = & -(x+y+z)^{16}(xyz) - 16(x+y+z)^{13}(xyz)^2 - 88(x+y+z)^{10}(xyz)^3 - 192(x+y+z)^7(xyz)^4 - 140(x+y+z)^4(xyz)^5 - 16(x+y+z)(xyz)^6 + (x+y+z)^{17}(xy+yz+zx) + 33(x+y+z)^{14}(xy+yz+zx)(xyz) + 294(x+y+z)^{11}(xy+yz+zx)(xyz)^2 + 975(x+y+z)^8(xy+yz+zx)(xyz)^3 + 1134(x+y+z)^5(xy+yz+zx)(xyz)^4 + 291(x+y+z)^2(xy+yz+zx)(xyz)^5 - 17(x+y+z)^{15}(xy+yz+zx)^2 - 325(x+y+z)^{12}(xy+yz+zx)^2(xyz) - 1815(x+y+z)^9(xy+yz+zx)^2(xyz)^2 - 3444(x+y+z)^6(xy+yz+zx)^2(xyz)^3 - 1715(x+y+z)^3(xy+yz+zx)^2(xyz)^4 - 57(xy+yz+zx)^2(xyz)^5 + 119(x+y+z)^{13}(xy+yz+zx)^3 + 1474(x+y+z)^{10}(xy+yz+zx)^3(xyz) + 4980(x+y+z)^7(xy+yz+zx)^3(xyz)^2 + 4620(x+y+z)^4(xy+yz+zx)^3(xyz)^3 + 575(x+y+z)(xy+yz+zx)^3(xyz)^4 - 442(x+y+z)^{11}(xy+yz+zx)^4 - 3465(x+y+z)^8(xy+yz+zx)^4(xyz) - 6300(x+y+z)^5(xy+yz+zx)^4(xyz)^2 - 2030(x+y+z)^2(xy+yz+zx)^4(xyz)^3 + 935(x+y+z)^9(xy+yz+zx)^5 + 4242(x+y+z)^6(xy+yz+zx)^5(xyz) + 3276(x+y+z)^3(xy+yz+zx)^5(xyz)^2 + 133(xy+yz+zx)^5(xyz)^3 - 1122(x+y+z)^7(xy+yz+zx)^6 - 2478(x+y+z)^4(xy+yz+zx)^6(xyz) - 469(x+y+z)(xy+yz+zx)^6(xyz)^2 + 714(x+y+z)^5(xy+yz+zx)^7 + 540(x+y+z)^2(xy+yz+zx)^7(xyz) - 204(x+y+z)^3(xy+yz+zx)^8 - 19(xy+yz+zx)^8(xyz) + 17(x+y+z)(xy+yz+zx)^9
\end{aligned}$$

$$\begin{aligned}
s(19, 0, 0) = & +(x+y+z)^{19} + 19(x+y+z)^{16}(xyz) + 133(x+y+z)^{13}(xyz)^2 + 418(x+y+z)^{10}(xyz)^3 + 570(x+y+z)^7(xyz)^4 + 266(x+y+z)^4(xyz)^5 + 19(x+y+z)(xyz)^6 - 19(x+y+z)^{17}(xy+yz+zx) - 285(x+y+z)^{14}(xy+yz+zx)(xyz) - 1482(x+y+z)^{11}(xy+yz+zx)(xyz)^2 - 3135(x+y+z)^8(xy+yz+zx)(xyz)^3 - 2394(x+y+z)^5(xy+yz+zx)(xyz)^4 - 399(x+y+z)^2(xy+yz+zx)(xyz)^5 + 152(x+y+z)^{15}(xy+yz+zx)^2 + 1729(x+y+z)^{12}(xy+yz+zx)
\end{aligned}$$

$$\begin{aligned}
&zx)^2(xyz) + 6270(x+y+z)^9(xy+yz+zx)^2(xyz)^2 + 7980(x+y+z)^6(xy+yz+zx)^2(xyz)^3 + 2660(x+y+z)^3(xy+yz+zx)^2(xyz)^4 + 57(xy+yz+zx)^2(xyz)^5 - 665(x+y+z)^{13}(xy+yz+zx)^3 - 5434(x+y+z)^{10}(xy+yz+zx)^3(xyz) - 12540(x+y+z)^7(xy+yz+zx)^3(xyz)^2 - 7980(x+y+z)^4(xy+yz+zx)^3(xyz)^3 - 665(x+y+z)(xy+yz+zx)^3(xyz)^4 + 1729(x+y+z)^{11}(xy+yz+zx)^4 + 9405(x+y+z)^8(xy+yz+zx)^4(xyz) + 11970(x+y+z)^5(xy+yz+zx)^4(xyz)^2 + 2660(x+y+z)^2(xy+yz+zx)^4(xyz)^3 - 2717(x+y+z)^9(xy+yz+zx)^5 - 8778(x+y+z)^6(xy+yz+zx)^5(xyz) - 4788(x+y+z)^3(xy+yz+zx)^5(xyz)^2 - 133(xy+yz+zx)^5(xyz)^3 + 2508(x+y+z)^7(xy+yz+zx)^6 + 3990(x+y+z)^4(xy+yz+zx)^6(xyz) + 532(x+y+z)(xy+yz+zx)^6(xyz)^2 - 1254(x+y+z)^5(xy+yz+zx)^7 - 684(x+y+z)^2(xy+yz+zx)^7(xyz) + 285(x+y+z)^3(xy+yz+zx)^8 + 19(xy+yz+zx)^8(xyz) - 19(x+y+z)(xy+yz+zx)^9
\end{aligned}$$

$$\begin{aligned}
s(10, 10, 0) = &-2(x+y+z)^5(xyz)^5 + 15(x+y+z)^2(xyz)^6 - 40(x+y+z)^3(xy+yz+zx)(xyz)^5 + 10(xy+yz+zx)(xyz)^6 + 25(x+y+z)^4(xy+yz+zx)^2(xyz)^4 - 60(x+y+z)(xy+yz+zx)^2(xyz)^5 + 100(x+y+z)^2(xy+yz+zx)^3(xyz)^4 - 50(x+y+z)^3(xy+yz+zx)^4(xyz)^3 + 25(xy+yz+zx)^4(xyz)^4 - 60(x+y+z)(xy+yz+zx)^5(xyz)^3 + 35(x+y+z)^2(xy+yz+zx)^6(xyz)^2 + 10(xy+yz+zx)^7(xyz)^2 - 10(x+y+z)(xy+yz+zx)^8(xyz) + (xy+yz+zx)^{10}
\end{aligned}$$

$$\begin{aligned}
s(11, 9, 0) = &-9(x+y+z)^5(xyz)^5 - 4(x+y+z)^2(xyz)^6 + 9(x+y+z)^6(xy+yz+zx)(xyz)^4 - 2(x+y+z)^3(xy+yz+zx)(xyz)^5 - 13(xy+yz+zx)(xyz)^6 + 36(x+y+z)^4(xy+yz+zx)^2(xyz)^4 + 75(x+y+z)(xy+yz+zx)^2(xyz)^5 - 30(x+y+z)^5(xy+yz+zx)^3(xyz)^3 - 104(x+y+z)^2(xy+yz+zx)^3(xyz)^4 + 15(x+y+z)^3(xy+yz+zx)^4(xyz)^3 - 43(xy+yz+zx)^4(xyz)^4 + 27(x+y+z)^4(xy+yz+zx)^5(xyz)^2 + 97(x+y+z)(xy+yz+zx)^5(xyz)^3 - 45(x+y+z)^2(xy+yz+zx)^6(xyz)^2 - 9(x+y+z)^3(xy+yz+zx)^7(xyz) - 19(xy+yz+zx)^7(xyz)^2 + 18(x+y+z)(xy+yz+zx)^8(xyz) + (x+y+z)^2(xy+yz+zx)^9 - 2(xy+yz+zx)^{10}
\end{aligned}$$

$$\begin{aligned}
s(12, 8, 0) = &+2(x+y+z)^8(xyz)^4 - 34(x+y+z)^2(xyz)^6 + 16(x+y+z)^6(xy+yz+zx)(xyz)^4 + 128(x+y+z)^3(xy+yz+zx)(xyz)^5 - 4(xy+yz+zx)(xyz)^6 - 16(x+y+z)^7(xy+yz+zx)^2(xyz)^3 - 144(x+y+z)^4(xy+yz+zx)^2(xyz)^4 + 36(x+y+z)(xy+yz+zx)^2(xyz)^5 + 32(x+y+z)^5(xy+yz+zx)^3(xyz)^3 - 128(x+y+z)^2(xy+yz+zx)^3(xyz)^4 + 20(x+y+z)^6(xy+yz+zx)^4(xyz)^2 + 176(x+y+z)^3(xy+yz+zx)^4(xyz)^3 + 23(xy+yz+zx)^4(xyz)^4 - 72(x+y+z)^4(xy+yz+zx)^5(xyz)^2 - 32(x+y+z)
\end{aligned}$$

$$z)(xy + yz + zx)^5(xyz)^3 - 8(x + y + z)^5(xy + yz + zx)^6(xyz) - 24(x + y + z)^2(xy + yz + zx)^6(xyz)^2 + 32(x + y + z)^3(xy + yz + zx)^7(xyz) + 16(xy + yz + zx)^7(xyz)^2 + (x + y + z)^4(xy + yz + zx)^8 - 12(x + y + z)(xy + yz + zx)^8(xyz) - 4(x + y + z)^2(xy + yz + zx)^9 + 2(xy + yz + zx)^{10}$$

$$s(13, 7, 0) = +7(x + y + z)^8(xyz)^4 + 42(x + y + z)^5(xyz)^5 + 21(x + y + z)^2(xyz)^6 - 7(x + y + z)^9(xy + yz + zx)(xyz)^3 - 77(x + y + z)^6(xy + yz + zx)(xyz)^4 - 63(x + y + z)^3(xy + yz + zx)(xyz)^5 + 20(xy + yz + zx)(xyz)^6 + 21(x + y + z)^7(xy + yz + zx)^2(xyz)^3 - 21(x + y + z)^4(xy + yz + zx)^2(xyz)^4 - 147(x + y + z)(xy + yz + zx)^2(xyz)^5 + 14(x + y + z)^8(xy + yz + zx)^3(xyz)^2 + 147(x + y + z)^5(xy + yz + zx)^3(xyz)^3 + 343(x + y + z)^2(xy + yz + zx)^3(xyz)^4 - 77(x + y + z)^6(xy + yz + zx)^4(xyz)^2 - 301(x + y + z)^3(xy + yz + zx)^4(xyz)^3 + 7(xy + yz + zx)^4(xyz)^4 - 7(x + y + z)^7(xy + yz + zx)^5(xyz) + 42(x + y + z)^4(xy + yz + zx)^5(xyz)^2 - 63(x + y + z)(xy + yz + zx)^5(xyz)^3 + 42(x + y + z)^5(xy + yz + zx)^6(xyz) + 119(x + y + z)^2(xy + yz + zx)^6(xyz)^2 + (x + y + z)^6(xy + yz + zx)^7 - 57(x + y + z)^3(xy + yz + zx)^7(xyz) - 11(xy + yz + zx)^7(xyz)^2 - 6(x + y + z)^4(xy + yz + zx)^8 + 2(x + y + z)(xy + yz + zx)^8(xyz) + 9(x + y + z)^2(xy + yz + zx)^9 - 2(xy + yz + zx)^{10}$$

$$s(14, 6, 0) = -2(x + y + z)^{11}(xyz)^3 - 13(x + y + z)^8(xyz)^4 + 35(x + y + z)^2(xyz)^6 + 4(x + y + z)^9(xy + yz + zx)(xyz)^3 - 56(x + y + z)^6(xy + yz + zx)(xyz)^4 - 224(x + y + z)^3(xy + yz + zx)(xyz)^5 - 22(xy + yz + zx)(xyz)^6 + 9(x + y + z)^{10}(xy + yz + zx)^2(xyz)^2 + 128(x + y + z)^7(xy + yz + zx)^2(xyz)^3 + 504(x + y + z)^4(xy + yz + zx)^2(xyz)^4 + 168(x + y + z)(xy + yz + zx)^2(xyz)^5 - 66(x + y + z)^8(xy + yz + zx)^3(xyz)^2 - 448(x + y + z)^5(xy + yz + zx)^3(xyz)^3 - 336(x + y + z)^2(xy + yz + zx)^3(xyz)^4 - 6(x + y + z)^9(xy + yz + zx)^4(xyz) + 84(x + y + z)^6(xy + yz + zx)^4(xyz)^2 + 140(x + y + z)^3(xy + yz + zx)^4(xyz)^3 - 42(xy + yz + zx)^4(xyz)^4 + 48(x + y + z)^7(xy + yz + zx)^5(xyz) + 168(x + y + z)^4(xy + yz + zx)^5(xyz)^2 + 168(x + y + z)(xy + yz + zx)^5(xyz)^3 + (x + y + z)^8(xy + yz + zx)^6 - 112(x + y + z)^5(xy + yz + zx)^6(xyz) - 210(x + y + z)^2(xy + yz + zx)^6(xyz)^2 - 8(x + y + z)^6(xy + yz + zx)^7 + 64(x + y + z)^3(xy + yz + zx)^7(xyz) + 4(xy + yz + zx)^7(xyz)^2 + 20(x + y + z)^4(xy + yz + zx)^8 + 12(x + y + z)(xy + yz + zx)^8(xyz) - 16(x + y + z)^2(xy + yz + zx)^9 + 2(xy + yz + zx)^{10}$$

$$s(15, 5, 0) = -5(x + y + z)^{11}(xyz)^3 - 50(x + y + z)^8(xyz)^4 - 126(x + y + z)^5(xyz)^5 - 55(x + y + z)^2(xyz)^6 + 5(x + y + z)^{12}(xy + yz + zx)(xyz)^2 + 100(x + y + z)^9(xy + yz + zx)(xyz)^3 + 425(x + y + z)^6(xy + yz + zx)(xyz)^4 +$$

$$\begin{aligned}
& 355(x+y+z)^3(xy+yz+zx)(xyz)^5 + 5(xy+yz+zx)(xyz)^6 - 45(x+y+z)^{10}(xy+yz+zx)^2(xyz)^2 - 425(x+y+z)^7(xy+yz+zx)^2(xyz)^3 - 675(x+y+z)^4(xy+yz+zx)^2(xyz)^4 - 30(x+y+z)(xy+yz+zx)^2(xyz)^5 - 5(x+y+z)^{11}(xy+yz+zx)^3(xyz) + 75(x+y+z)^8(xy+yz+zx)^3(xyz)^2 + 325(x+y+z)^5(xy+yz+zx)^3(xyz)^3 - 75(x+y+z)^2(xy+yz+zx)^3(xyz)^4 + 50(x+y+z)^9(xy+yz+zx)^4(xyz) + 225(x+y+z)^6(xy+yz+zx)^4(xyz)^2 + 475(x+y+z)^3(xy+yz+zx)^4(xyz)^3 + 75(xy+yz+zx)^4(xyz)^4 + (x+y+z)^{10}(xy+yz+zx)^5 - 165(x+y+z)^7(xy+yz+zx)^5(xyz) - 600(x+y+z)^4(xy+yz+zx)^5(xyz)^2 - 255(x+y+z)(xy+yz+zx)^5(xyz)^3 - 10(x+y+z)^8(xy+yz+zx)^6 + 190(x+y+z)^5(xy+yz+zx)^6(xyz) + 255(x+y+z)^2(xy+yz+zx)^6(xyz)^2 + 35(x+y+z)^6(xy+yz+zx)^7 - 25(x+y+z)^3(xy+yz+zx)^7(xyz) + 5(xy+yz+zx)^7(xyz)^2 - 50(x+y+z)^4(xy+yz+zx)^8 - 30(x+y+z)(xy+yz+zx)^8(xyz) + 25(x+y+z)^2(xy+yz+zx)^9 - 2(xy+yz+zx)^{10}
\end{aligned}$$

$$\begin{aligned}
s(16, 4, 0) = & +2(x+y+z)^{14}(xyz)^2 + 24(x+y+z)^{11}(xyz)^3 + 83(x+y+z)^8(xyz)^4 + 72(x+y+z)^5(xyz)^5 - 6(x+y+z)^2(xyz)^6 - 20(x+y+z)^{12}(xy+yz+zx)(xyz)^2 - 144(x+y+z)^9(xy+yz+zx)(xyz)^3 - 184(x+y+z)^6(xy+yz+zx)(xyz)^4 + 96(x+y+z)^3(xy+yz+zx)(xyz)^5 + 20(xy+yz+zx)(xyz)^6 - 4(x+y+z)^{13}(xy+yz+zx)^2(xyz) + 12(x+y+z)^{10}(xy+yz+zx)^2(xyz)^2 - 48(x+y+z)^7(xy+yz+zx)^2(xyz)^3 - 540(x+y+z)^4(xy+yz+zx)^2(xyz)^4 - 228(x+y+z)(xy+yz+zx)^2(xyz)^5 + 48(x+y+z)^{11}(xy+yz+zx)^3(xyz) + 376(x+y+z)^8(xy+yz+zx)^3(xyz)^2 + 1248(x+y+z)^5(xy+yz+zx)^3(xyz)^3 + 880(x+y+z)^2(xy+yz+zx)^3(xyz)^4 + (x+y+z)^{12}(xy+yz+zx)^4 - 204(x+y+z)^9(xy+yz+zx)^4(xyz) - 1204(x+y+z)^6(xy+yz+zx)^4(xyz)^2 - 1520(x+y+z)^3(xy+yz+zx)^4(xyz)^3 - 95(xy+yz+zx)^4(xyz)^4 - 12(x+y+z)^{10}(xy+yz+zx)^5 + 352(x+y+z)^7(xy+yz+zx)^5(xyz) + 1128(x+y+z)^4(xy+yz+zx)^5(xyz)^2 + 288(x+y+z)(xy+yz+zx)^5(xyz)^3 + 54(x+y+z)^8(xy+yz+zx)^6 - 168(x+y+z)^5(xy+yz+zx)^6(xyz) - 200(x+y+z)^2(xy+yz+zx)^6(xyz)^2 - 112(x+y+z)^6(xy+yz+zx)^7 - 96(x+y+z)^3(xy+yz+zx)^7(xyz) - 16(xy+yz+zx)^7(xyz)^2 + 105(x+y+z)^4(xy+yz+zx)^8 + 52(x+y+z)(xy+yz+zx)^8(xyz) - 36(x+y+z)^2(xy+yz+zx)^9 + 2(xy+yz+zx)^{10}
\end{aligned}$$

$$\begin{aligned}
s(17, 3, 0) = & +3(x+y+z)^{14}(xyz)^2 + 41(x+y+z)^{11}(xyz)^3 + 178(x+y+z)^8(xyz)^4 + 261(x+y+z)^5(xyz)^5 + 83(x+y+z)^2(xyz)^6 - 3(x+y+z)^{15}(xy+yz+zx)(xyz) - 84(x+y+z)^{12}(xy+yz+zx)(xyz)^2 - 598(x+y+z)^9(xy+yz+zx)(xyz)^3 - 1393(x+y+z)^6(xy+yz+zx)(xyz)^4 - 835(x+y+z)^3(xy+yz+zx)(xyz)^5 - 31(xy+yz+zx)(xyz)^6 + 42(x+y+z)^{13}(xy+yz+zx)^2(xyz) +
\end{aligned}$$

$$\begin{aligned}
& 651(x+y+z)^{10}(xy+yz+zx)^2(xyz)^2+2644(x+y+z)^7(xy+yz+zx)^2(xyz)^3+ \\
& 2880(x+y+z)^4(xy+yz+zx)^2(xyz)^4+396(x+y+z)(xy+yz+zx)^2(xyz)^5+ \\
& (x+y+z)^{14}(xy+yz+zx)^3-217(x+y+z)^{11}(xy+yz+zx)^3(xyz)-2079(x+y+z)^8(xy+yz+zx)^3(xyz)^2- \\
& 4382(x+y+z)^5(xy+yz+zx)^3(xyz)^3-1535(x+y+z)^2(xy+yz+zx)^3(xyz)^4-14(x+y+z)^{12}(xy+yz+zx)^4+ \\
& 490(x+y+z)^9(xy+yz+zx)^4(xyz)+2842(x+y+z)^6(xy+yz+zx)^4(xyz)^2+ \\
& 2395(x+y+z)^3(xy+yz+zx)^4(xyz)^3+80(xy+yz+zx)^4(xyz)^4+77(x+y+z)^{10}(xy+yz+zx)^5- \\
& 378(x+y+z)^7(xy+yz+zx)^5(xyz)-1323(x+y+z)^4(xy+yz+zx)^5(xyz)^2-206(x+y+z)(xy+yz+zx)^5(xyz)^3- \\
& 210(x+y+z)^8(xy+yz+zx)^6-196(x+y+z)^5(xy+yz+zx)^6(xyz)-21(x+y+z)^2(xy+yz+zx)^6(xyz)^2+ \\
& 294(x+y+z)^6(xy+yz+zx)^7+343(x+y+z)^3(xy+yz+zx)^7(xyz)+29(xy+yz+zx)^7(xyz)^2- \\
& 196(x+y+z)^4(xy+yz+zx)^8-78(x+y+z)(xy+yz+zx)^8(xyz)+49(x+y+z)^2(xy+yz+zx)^9-2(xy+yz+zx)^{10}
\end{aligned}$$

$$\begin{aligned}
s(18, 2, 0) = & -2(x+y+z)^{17}(xyz)-33(x+y+z)^{14}(xyz)^2-190(x+y+z)^{11}(xyz)^3-447(x+y+z)^8(xyz)^4- \\
& 378(x+y+z)^5(xyz)^5-67(x+y+z)^2(xyz)^6+32(x+y+z)^{15}(xy+yz+zx)(xyz)+398(x+y+z)^{12}(xy+yz+zx)(xyz)^2+ \\
& 1580(x+y+z)^9(xy+yz+zx)(xyz)^3+2184(x+y+z)^6(xy+yz+zx)(xyz)^4+760(x+y+z)^3(xy+yz+zx)(xyz)^5+ \\
& 14(xy+yz+zx)(xyz)^6+(x+y+z)^{16}(xy+yz+zx)^2-192(x+y+z)^{13}(xy+yz+zx)^2(xyz)-1749(x+y+z)^{10}(xy+yz+zx)^2(xyz)^2- \\
& 4344(x+y+z)^7(xy+yz+zx)^2(xyz)^3-2835(x+y+z)^4(xy+yz+zx)^2(xyz)^4-204(x+y+z)(xy+yz+zx)^2(xyz)^5- \\
& 16(x+y+z)^{14}(xy+yz+zx)^3+512(x+y+z)^{11}(xy+yz+zx)^3(xyz)+3330(x+y+z)^8(xy+yz+zx)^3(xyz)^2+ \\
& 4368(x+y+z)^5(xy+yz+zx)^3(xyz)^3+820(x+y+z)^2(xy+yz+zx)^3(xyz)^4+104(x+y+z)^{12}(xy+yz+zx)^4-440(x+y+z)^9(xy+yz+zx)^4(xyz)- \\
& 2310(x+y+z)^6(xy+yz+zx)^4(xyz)^2-1050(x+y+z)^3(xy+yz+zx)^4(xyz)^3+5(xy+yz+zx)^4(xyz)^4-352(x+y+z)^{10}(xy+yz+zx)^5- \\
& 576(x+y+z)^7(xy+yz+zx)^5(xyz)-252(x+y+z)^4(xy+yz+zx)^5(xyz)^2-140(x+y+z)(xy+yz+zx)^5(xyz)^3+ \\
& 660(x+y+z)^8(xy+yz+zx)^6+1344(x+y+z)^5(xy+yz+zx)^6(xyz)+567(x+y+z)^2(xy+yz+zx)^6(xyz)^2- \\
& 672(x+y+z)^6(xy+yz+zx)^7-768(x+y+z)^3(xy+yz+zx)^7(xyz)-46(xy+yz+zx)^7(xyz)^2+336(x+y+z)^4(xy+yz+zx)^8+ \\
& 108(x+y+z)(xy+yz+zx)^8(xyz)-64(x+y+z)^2(xy+yz+zx)^9+2(xy+yz+zx)^{10}
\end{aligned}$$

$$\begin{aligned}
s(19, 1, 0) = & -(x+y+z)^{17}(xyz)-17(x+y+z)^{14}(xyz)^2-102(x+y+z)^{11}(xyz)^3-255(x+y+z)^8(xyz)^4- \\
& 238(x+y+z)^5(xyz)^5-51(x+y+z)^2(xyz)^6+(x+y+z)^{18}(xy+yz+zx)+35(x+y+z)^{15}(xy+yz+zx)(xyz)+
\end{aligned}$$

$$\begin{aligned}
& 338(x+y+z)^{12}(xy+yz+zx)(xyz)^2+1265(x+y+z)^9(xy+yz+zx)(xyz)^3+ \\
& 1806(x+y+z)^6(xy+yz+zx)(xyz)^4+721(x+y+z)^3(xy+yz+zx)(xyz)^5+ \\
& 20(xy+yz+zx)(xyz)^6-18(x+y+z)^{16}(xy+yz+zx)^2-371(x+y+z)^{13}(xy+ \\
& yz+zx)^2(xyz)-2310(x+y+z)^{10}(xy+yz+zx)^2(xyz)^2-5220(x+y+z) \\
& z)^7(xy+yz+zx)^2(xyz)^3-3640(x+y+z)^4(xy+yz+zx)^2(xyz)^4-363(x+y+ \\
& z)(xy+yz+zx)^2(xyz)^5+135(x+y+z)^{14}(xy+yz+zx)^3+1846(x+y+z) \\
& z)^{11}(xy+yz+zx)^3(xyz)+7260(x+y+z)^8(xy+yz+zx)^3(xyz)^2+8820(x+y+ \\
& z)^5(xy+yz+zx)^3(xyz)^3+2135(x+y+z)^2(xy+yz+zx)^3(xyz)^4-546(x+y+ \\
& z)^{12}(xy+yz+zx)^4-4895(x+y+z)^9(xy+yz+zx)^4(xyz)-11130(x+y+z) \\
& z)^6(xy+yz+zx)^4(xyz)^2-5740(x+y+z)^3(xy+yz+zx)^4(xyz)^3- \\
& 175(xy+yz+zx)^4(xyz)^4+1287(x+y+z)^{10}(xy+yz+zx)^5+7062(x+y+z) \\
& z)^7(xy+yz+zx)^5(xyz)+7812(x+y+z)^4(xy+yz+zx)^5(xyz)^2+987(x+y+z) \\
& z)(xy+yz+zx)^5(xyz)^3-1782(x+y+z)^8(xy+yz+zx)^6-5250(x+y+z) \\
& z)^5(xy+yz+zx)^6(xyz)-1988(x+y+z)^2(xy+yz+zx)^6(xyz)^2+ \\
& 1386(x+y+z)^6(xy+yz+zx)^7+1716(x+y+z)^3(xy+yz+zx)^7(xyz)+ \\
& 80(xy+yz+zx)^7(xyz)^2-540(x+y+z)^4(xy+yz+zx)^8-161(x+y+z) \\
& z)(xy+yz+zx)^8(xyz)+81(x+y+z)^2(xy+yz+zx)^9-2(xy+yz+zx)^{10}
\end{aligned}$$

$$\begin{aligned}
& s(20, 0, 0) = +(x+y+z)^{20}+20(x+y+z)^{17}(xyz)+150(x+y+z)^{14}(xyz)^2+ \\
& 520(x+y+z)^{11}(xyz)^3+825(x+y+z)^8(xyz)^4+504(x+y+z)^5(xyz)^5+ \\
& 70(x+y+z)^2(xyz)^6-20(x+y+z)^{18}(xy+yz+zx)-320(x+y+z)^{15}(xy+ \\
& yz+zx)(xyz)-1820(x+y+z)^{12}(xy+yz+zx)(xyz)^2-4400(x+y+z) \\
& z)^9(xy+yz+zx)(xyz)^3-4200(x+y+z)^6(xy+yz+zx)(xyz)^4-1120(x+y+ \\
& z)^3(xy+yz+zx)(xyz)^5-20(xy+yz+zx)(xyz)^6+170(x+y+z)^{16}(xy+ \\
& yz+zx)^2+2100(x+y+z)^{13}(xy+yz+zx)^2(xyz)+8580(x+y+z)^{10}(xy+yz+ \\
& zx)^2(xyz)^2+13200(x+y+z)^7(xy+yz+zx)^2(xyz)^3+6300(x+y+z)^4(xy+ \\
& yz+zx)^2(xyz)^4+420(x+y+z)(xy+yz+zx)^2(xyz)^5-800(x+y+z)^{14}(xy+ \\
& yz+zx)^3-7280(x+y+z)^{11}(xy+yz+zx)^3(xyz)-19800(x+y+z)^8(xy+yz+ \\
& zx)^3(xyz)^2-16800(x+y+z)^5(xy+yz+zx)^3(xyz)^3-2800(x+y+z)^2(xy+ \\
& yz+zx)^3(xyz)^4+2275(x+y+z)^{12}(xy+yz+zx)^4+14300(x+y+z)^9(xy+ \\
& yz+zx)^4(xyz)+23100(x+y+z)^6(xy+yz+zx)^4(xyz)^2+8400(x+y+z) \\
& z)^3(xy+yz+zx)^4(xyz)^3+175(xy+yz+zx)^4(xyz)^4-4004(x+y+z)^{10}(xy+ \\
& yz+zx)^5-15840(x+y+z)^7(xy+yz+zx)^5(xyz)-12600(x+y+z)^4(xy+ \\
& yz+zx)^5(xyz)^2-1120(x+y+z)(xy+yz+zx)^5(xyz)^3+4290(x+y+z)^8(xy+ \\
& yz+zx)^6+9240(x+y+z)^5(xy+yz+zx)^6(xyz)+2520(x+y+z)^2(xy+yz+ \\
& zx)^6(xyz)^2-2640(x+y+z)^6(xy+yz+zx)^7-2400(x+y+z)^3(xy+yz+
\end{aligned}$$

$$zx)^7(xyz) - 80(xy+yz+zx)^7(xyz)^2 + 825(x+y+z)^4(xy+yz+zx)^8 + 180(x+y+z)(xy+yz+zx)^8(xyz) - 100(x+y+z)^2(xy+yz+zx)^9 + 2(xy+yz+zx)^{10}$$

$$\begin{aligned} s(11, 10, 0) = & -2(x+y+z)^6(xyz)^5 + 24(x+y+z)^3(xyz)^6 - 3(xyz)^7 - \\ & 49(x+y+z)^4(xy+yz+zx)(xyz)^5 + 37(x+y+z)(xy+yz+zx)(xyz)^6 + \\ & 25(x+y+z)^5(xy+yz+zx)^2(xyz)^4 - 114(x+y+z)^2(xy+yz+zx)^2(xyz)^5 + \\ & 130(x+y+z)^3(xy+yz+zx)^3(xyz)^4 - 18(xy+yz+zx)^3(xyz)^5 - 50(x+y+z)^4(xy+yz+zx)^4(xyz)^3 + \\ & 70(x+y+z)(xy+yz+zx)^4(xyz)^4 - 87(x+y+z)^2(xy+yz+zx)^5(xyz)^3 + \\ & 35(x+y+z)^3(xy+yz+zx)^6(xyz)^2 - 9(xy+yz+zx)^6(xyz)^3 + \\ & 19(x+y+z)(xy+yz+zx)^7(xyz)^2 - 10(x+y+z)^2(xy+yz+zx)^8(xyz) - \\ & (xy+yz+zx)^9(xyz) + (x+y+z)(xy+yz+zx)^{10} \end{aligned}$$

$$\begin{aligned} s(12, 9, 0) = & -9(x+y+z)^6(xyz)^5 - 22(x+y+z)^3(xyz)^6 + 6(xyz)^7 + 9(x+y+z)^7(xy+yz+zx)(xyz)^4 + \\ & 27(x+y+z)^4(xy+yz+zx)(xyz)^5 - 78(x+y+z)(xy+yz+zx)(xyz)^6 + \\ & 27(x+y+z)^5(xy+yz+zx)^2(xyz)^4 + 234(x+y+z)^2(xy+yz+zx)^2(xyz)^5 - \\ & 30(x+y+z)^6(xy+yz+zx)^3(xyz)^3 - 234(x+y+z)^3(xy+yz+zx)^3(xyz)^4 + \\ & 48(xy+yz+zx)^3(xyz)^5 + 45(x+y+z)^4(xy+yz+zx)^4(xyz)^3 - \\ & 183(x+y+z)(xy+yz+zx)^4(xyz)^4 + 27(x+y+z)^5(xy+yz+zx)^5(xyz)^2 + \\ & 216(x+y+z)^2(xy+yz+zx)^5(xyz)^3 - 72(x+y+z)^3(xy+yz+zx)^6(xyz)^2 + \\ & 26(xy+yz+zx)^6(xyz)^3 - 9(x+y+z)^4(xy+yz+zx)^7(xyz) - \\ & 54(x+y+z)(xy+yz+zx)^7(xyz)^2 + 27(x+y+z)^2(xy+yz+zx)^8(xyz) + \\ & (x+y+z)^3(xy+yz+zx)^9 + 3(xy+yz+zx)^9(xyz) - 3(x+y+z)(xy+yz+zx)^{10} \end{aligned}$$

$$\begin{aligned} s(13, 8, 0) = & +2(x+y+z)^9(xyz)^4 + 2(x+y+z)^6(xyz)^5 - 40(x+y+z)^3(xyz)^6 - \\ & 3(xyz)^7 + 14(x+y+z)^7(xy+yz+zx)(xyz)^4 + 150(x+y+z)^4(xy+yz+zx)(xyz)^5 + \\ & 43(x+y+z)(xy+yz+zx)(xyz)^6 - 16(x+y+z)^8(xy+yz+zx)^2(xyz)^3 - \\ & 178(x+y+z)^5(xy+yz+zx)^2(xyz)^4 - 100(x+y+z)^2(xy+yz+zx)^2(xyz)^5 + \\ & 48(x+y+z)^6(xy+yz+zx)^3(xyz)^3 - 20(x+y+z)^3(xy+yz+zx)^3(xyz)^4 - \\ & 61(xy+yz+zx)^3(xyz)^5 + 20(x+y+z)^7(xy+yz+zx)^4(xyz)^2 + \\ & 180(x+y+z)^4(xy+yz+zx)^4(xyz)^3 + 220(x+y+z)(xy+yz+zx)^4(xyz)^4 - \\ & 92(x+y+z)^5(xy+yz+zx)^5(xyz)^2 - 220(x+y+z)^2(xy+yz+zx)^5(xyz)^3 - \\ & 8(x+y+z)^6(xy+yz+zx)^6(xyz) + 20(x+y+z)^3(xy+yz+zx)^6(xyz)^2 - \\ & 40(xy+yz+zx)^6(xyz)^3 + 40(x+y+z)^4(xy+yz+zx)^7(xyz) + \\ & 80(x+y+z)(xy+yz+zx)^7(xyz)^2 + (x+y+z)^5(xy+yz+zx)^8 - \\ & 35(x+y+z)^2(xy+yz+zx)^8(xyz) - 5(x+y+z)^3(xy+yz+zx)^9 - \\ & 5(xy+yz+zx)^9(xyz) + 5(x+y+z)(xy+yz+zx)^{10} \end{aligned}$$

$$s(14, 7, 0) = +7(x+y+z)^9(xyz)^4 + 49(x+y+z)^6(xyz)^5 + 49(x+y+z)$$

$$\begin{aligned}
& z)^3(xyz)^6 - 3(xyz)^7 - 7(x+y+z)^{10}(xy+yz+zx)(xyz)^3 - 91(x+y+z)^7(xy+yz+zx)(xyz)^4 - 147(x+y+z)^4(xy+yz+zx)(xyz)^5 + 49(x+y+z)(xy+yz+zx)(xyz)^6 + 28(x+y+z)^8(xy+yz+zx)^2(xyz)^3 + 49(x+y+z)^5(xy+yz+zx)^2(xyz)^4 - 245(x+y+z)^2(xy+yz+zx)^2(xyz)^5 + 14(x+y+z)^9(xy+yz+zx)^3(xyz)^2 + 147(x+y+z)^6(xy+yz+zx)^3(xyz)^3 + 539(x+y+z)^3(xy+yz+zx)^3(xyz)^4 + 49(xy+yz+zx)^3(xyz)^5 - 91(x+y+z)^7(xy+yz+zx)^4(xyz)^2 - 490(x+y+z)^4(xy+yz+zx)^4(xyz)^3 - 147(x+y+z)(xy+yz+zx)^4(xyz)^4 - 7(x+y+z)^8(xy+yz+zx)^5(xyz) + 98(x+y+z)^5(xy+yz+zx)^5(xyz)^2 + 49(x+y+z)^2(xy+yz+zx)^5(xyz)^3 + 49(x+y+z)^6(xy+yz+zx)^6(xyz) + 147(x+y+z)^3(xy+yz+zx)^6(xyz)^2 + 49(xy+yz+zx)^6(xyz)^3 + (x+y+z)^7(xy+yz+zx)^7 - 91(x+y+z)^4(xy+yz+zx)^7(xyz) - 91(x+y+z)(xy+yz+zx)^7(xyz)^2 - 7(x+y+z)^5(xy+yz+zx)^8 + 28(x+y+z)^2(xy+yz+zx)^8(xyz) + 14(x+y+z)^3(xy+yz+zx)^9 + 7(xy+yz+zx)^9(xyz) - 7(x+y+z)(xy+yz+zx)^{10}
\end{aligned}$$

$$\begin{aligned}
s(15, 6, 0) = & -2(x+y+z)^{12}(xyz)^3 - 15(x+y+z)^9(xyz)^4 - 9(x+y+z)^6(xyz)^5 + 47(x+y+z)^3(xyz)^6 + 6(xyz)^7 + 6(x+y+z)^{10}(xy+yz+zx)(xyz)^3 - 45(x+y+z)^7(xy+yz+zx)(xyz)^4 - 297(x+y+z)^4(xy+yz+zx)(xyz)^5 - 114(x+y+z)(xy+yz+zx)(xyz)^6 + 9(x+y+z)^{11}(xy+yz+zx)^2(xyz)^2 + 135(x+y+z)^8(xy+yz+zx)^2(xyz)^3 + 675(x+y+z)^5(xy+yz+zx)^2(xyz)^4 + 513(x+y+z)^2(xy+yz+zx)^2(xyz)^5 - 75(x+y+z)^9(xy+yz+zx)^3(xyz)^2 - 615(x+y+z)^6(xy+yz+zx)^3(xyz)^3 - 855(x+y+z)^3(xy+yz+zx)^3(xyz)^4 - 9(xy+yz+zx)^3(xyz)^5 - 6(x+y+z)^{10}(xy+yz+zx)^4(xyz) + 135(x+y+z)^7(xy+yz+zx)^4(xyz)^2 + 450(x+y+z)^4(xy+yz+zx)^4(xyz)^3 - 45(x+y+z)(xy+yz+zx)^4(xyz)^4 + 54(x+y+z)^8(xy+yz+zx)^5(xyz) + 162(x+y+z)^5(xy+yz+zx)^5(xyz)^2 + 297(x+y+z)^2(xy+yz+zx)^5(xyz)^3 + (x+y+z)^9(xy+yz+zx)^6 - 153(x+y+z)^6(xy+yz+zx)^6(xyz) - 405(x+y+z)^3(xy+yz+zx)^6(xyz)^2 - 51(xy+yz+zx)^6(xyz)^3 - 9(x+y+z)^7(xy+yz+zx)^7 + 135(x+y+z)^4(xy+yz+zx)^7(xyz) + 81(x+y+z)(xy+yz+zx)^7(xyz)^2 + 27(x+y+z)^5(xy+yz+zx)^8 - 30(x+y+z)^3(xy+yz+zx)^9 - 9(xy+yz+zx)^9(xyz) + 9(x+y+z)(xy+yz+zx)^{10}
\end{aligned}$$

$$\begin{aligned}
s(16, 5, 0) = & -5(x+y+z)^{12}(xyz)^3 - 55(x+y+z)^9(xyz)^4 - 166(x+y+z)^6(xyz)^5 - 116(x+y+z)^3(xyz)^6 - 3(xyz)^7 + 5(x+y+z)^{13}(xy+yz+zx)(xyz)^2 + 110(x+y+z)^{10}(xy+yz+zx)(xyz)^3 + 550(x+y+z)^7(xy+yz+zx)(xyz)^4 + 666(x+y+z)^4(xy+yz+zx)(xyz)^5 + 67(x+y+z)(xy+yz+zx)(xyz)^6 - 50(x+y+z)^{11}(xy+yz+zx)^2(xyz)^2 - 550(x+y+z)^8(xy+yz+zx)^2(xyz)^3 - 1210(x+y+z)^5(xy+yz+zx)^2(xyz)^4 - 284(x+y+z)^2(xy+yz+zx)^3
\end{aligned}$$

$$\begin{aligned}
&yz + zx)^2(xyz)^5 - 5(x + y + z)^{12}(xy + yz + zx)^3(xyz) + 110(x + y + z)^9(xy + \\
&yz + zx)^3(xyz)^2 + 660(x + y + z)^6(xy + yz + zx)^3(xyz)^3 + 220(x + y + \\
&z)^3(xy + yz + zx)^3(xyz)^4 - 53(xy + yz + zx)^3(xyz)^5 + 55(x + y + z)^{10}(xy + \\
&yz + zx)^4(xyz) + 220(x + y + z)^7(xy + yz + zx)^4(xyz)^2 + 550(x + y + z)^4(xy + \\
&yz + zx)^4(xyz)^3 + 330(x + y + z)(xy + yz + zx)^4(xyz)^4 + (x + y + z)^{11}(xy + \\
&yz + zx)^5 - 209(x + y + z)^8(xy + yz + zx)^5(xyz) - 902(x + y + z)^5(xy + yz + \\
&zx)^5(xyz)^2 - 748(x + y + z)^2(xy + yz + zx)^5(xyz)^3 - 11(x + y + z)^9(xy + \\
&yz + zx)^6 + 308(x + y + z)^6(xy + yz + zx)^6(xyz) + 660(x + y + z)^3(xy + yz + \\
&zx)^6(xyz)^2 + 44(xy + yz + zx)^6(xyz)^3 + 44(x + y + z)^7(xy + yz + zx)^7 - \\
&110(x + y + z)^4(xy + yz + zx)^7(xyz) - 44(x + y + z)(xy + yz + zx)^7(xyz)^2 - \\
&77(x + y + z)^5(xy + yz + zx)^8 - 55(x + y + z)^2(xy + yz + zx)^8(xyz) + 55(x + y + \\
&z)^3(xy + yz + zx)^9 + 11(xy + yz + zx)^9(xyz) - 11(x + y + z)(xy + yz + zx)^{10}
\end{aligned}$$

$$\begin{aligned}
s(17, 4, 0) = &+2(x + y + z)^{15}(xyz)^2 + 26(x + y + z)^{12}(xyz)^3 + 103(x + y + \\
&z)^9(xyz)^4 + 121(x + y + z)^6(xyz)^5 + 8(x + y + z)^3(xyz)^6 - 3(xyz)^7 - 22(x + \\
&y + z)^{13}(xy + yz + zx)(xyz)^2 - 182(x + y + z)^{10}(xy + yz + zx)(xyz)^3 - 329(x + \\
&y + z)^7(xy + yz + zx)(xyz)^4 + 45(x + y + z)^4(xy + yz + zx)(xyz)^5 + 79(x + \\
&y + z)(xy + yz + zx)(xyz)^6 - 4(x + y + z)^{14}(xy + yz + zx)^2(xyz) + 26(x + y + \\
&z)^{11}(xy + yz + zx)^2(xyz)^2 + 52(x + y + z)^8(xy + yz + zx)^2(xyz)^3 - 599(x + y + \\
&z)^5(xy + yz + zx)^2(xyz)^4 - 574(x + y + z)^2(xy + yz + zx)^2(xyz)^5 + 52(x + y + \\
&z)^{12}(xy + yz + zx)^3(xyz) + 416(x + y + z)^9(xy + yz + zx)^3(xyz)^2 + 1638(x + y + \\
&z)^6(xy + yz + zx)^3(xyz)^3 + 1850(x + y + z)^3(xy + yz + zx)^3(xyz)^4 + 113(xy + \\
&yz + zx)^3(xyz)^5 + (x + y + z)^{13}(xy + yz + zx)^4 - 247(x + y + z)^{10}(xy + yz + \\
&zx)^4(xyz) - 1664(x + y + z)^7(xy + yz + zx)^4(xyz)^2 - 2925(x + y + z)^4(xy + \\
&yz + zx)^4(xyz)^3 - 620(x + y + z)(xy + yz + zx)^4(xyz)^4 - 13(x + y + z)^{11}(xy + \\
&yz + zx)^5 + 507(x + y + z)^8(xy + yz + zx)^5(xyz) + 2093(x + y + z)^5(xy + yz + \\
&zx)^5(xyz)^2 + 1144(x + y + z)^2(xy + yz + zx)^5(xyz)^3 + 65(x + y + z)^9(xy + \\
&yz + zx)^6 - 364(x + y + z)^6(xy + yz + zx)^6(xyz) - 728(x + y + z)^3(xy + yz + \\
&zx)^6(xyz)^2 - 26(xy + yz + zx)^6(xyz)^3 - 156(x + y + z)^7(xy + yz + zx)^7 - \\
&91(x + y + z)^4(xy + yz + zx)^7(xyz) - 26(x + y + z)(xy + yz + zx)^7(xyz)^2 + \\
&182(x + y + z)^5(xy + yz + zx)^8 + 143(x + y + z)^2(xy + yz + zx)^8(xyz) - 91(x + \\
&y + z)^3(xy + yz + zx)^9 - 13(xy + yz + zx)^9(xyz) + 13(x + y + z)(xy + yz + zx)^{10}
\end{aligned}$$

$$\begin{aligned}
s(18, 3, 0) = &+3(x + y + z)^{15}(xyz)^2 + 44(x + y + z)^{12}(xyz)^3 + 213(x + y + \\
&z)^9(xyz)^4 + 378(x + y + z)^6(xyz)^5 + 185(x + y + z)^3(xyz)^6 + 6(xyz)^7 - 3(x + \\
&y + z)^{16}(xy + yz + zx)(xyz) - 90(x + y + z)^{13}(xy + yz + zx)(xyz)^2 - 708(x + y + \\
&z)^{10}(xy + yz + zx)(xyz)^3 - 1944(x + y + z)^7(xy + yz + zx)(xyz)^4 - 1620(x +
\end{aligned}$$

$$\begin{aligned}
& y+z)^4(xy+yz+zx)(xyz)^5 - 186(x+y+z)(xy+yz+zx)(xyz)^6 + 45(x+y+z)^{14}(xy+yz+zx)^2(xyz) + 765(x+y+z)^{11}(xy+yz+zx)^2(xyz)^2 + 3591(x+y+z)^8(xy+yz+zx)^2(xyz)^3 + 5103(x+y+z)^5(xy+yz+zx)^2(xyz)^4 + 1395(x+y+z)^2(xy+yz+zx)^2(xyz)^5 + (x+y+z)^{15}(xy+yz+zx)^3 - 255(x+y+z)^{12}(xy+yz+zx)^3(xyz) - 2775(x+y+z)^9(xy+yz+zx)^3(xyz)^2 - 7308(x+y+z)^6(xy+yz+zx)^3(xyz)^3 - 4185(x+y+z)^3(xy+yz+zx)^3(xyz)^4 - 123(xy+yz+zx)^3(xyz)^5 - 15(x+y+z)^{13}(xy+yz+zx)^4 + 660(x+y+z)^{10}(xy+yz+zx)^4(xyz) + 4590(x+y+z)^7(xy+yz+zx)^4(xyz)^2 + 5670(x+y+z)^4(xy+yz+zx)^4(xyz)^3 + 690(x+y+z)(xy+yz+zx)^4(xyz)^4 + 90(x+y+z)^{11}(xy+yz+zx)^5 - 675(x+y+z)^8(xy+yz+zx)^5(xyz) - 3024(x+y+z)^5(xy+yz+zx)^5(xyz)^2 - 1134(x+y+z)^2(xy+yz+zx)^5(xyz)^3 - 275(x+y+z)^9(xy+yz+zx)^6 - 126(x+y+z)^6(xy+yz+zx)^6(xyz) + 315(x+y+z)^3(xy+yz+zx)^6(xyz)^2 - 7(xy+yz+zx)^6(xyz)^3 + 450(x+y+z)^7(xy+yz+zx)^7 + 630(x+y+z)^4(xy+yz+zx)^7(xyz) + 135(x+y+z)(xy+yz+zx)^7(xyz)^2 - 378(x+y+z)^5(xy+yz+zx)^8 - 270(x+y+z)^2(xy+yz+zx)^8(xyz) + 140(x+y+z)^3(xy+yz+zx)^9 + 15(xy+yz+zx)^9(xyz) - 15(x+y+z)(xy+yz+zx)^{10}
\end{aligned}$$

$$\begin{aligned}
s(19, 2, 0) = & -2(x+y+z)^{18}(xyz) - 35(x+y+z)^{15}(xyz)^2 - 219(x+y+z)^{12}(xyz)^3 - 585(x+y+z)^9(xyz)^4 - 616(x+y+z)^6(xyz)^5 - 177(x+y+z)^3(xyz)^6 - 3(xyz)^7 + 34(x+y+z)^{16}(xy+yz+zx)(xyz) + 457(x+y+z)^{13}(xy+yz+zx)(xyz)^2 + 2035(x+y+z)^{10}(xy+yz+zx)(xyz)^3 + 3396(x+y+z)^7(xy+yz+zx)(xyz)^4 + 1715(x+y+z)^4(xy+yz+zx)(xyz)^5 + 109(x+y+z)(xy+yz+zx)(xyz)^6 + (x+y+z)^{17}(xy+yz+zx)^2 - 221(x+y+z)^{14}(xy+yz+zx)^2(xyz) - 2232(x+y+z)^{11}(xy+yz+zx)^2(xyz)^2 - 6540(x+y+z)^8(xy+yz+zx)^2(xyz)^3 - 5782(x+y+z)^5(xy+yz+zx)^2(xyz)^4 - 909(x+y+z)^2(xy+yz+zx)^2(xyz)^5 - 17(x+y+z)^{15}(xy+yz+zx)^3 + 663(x+y+z)^{12}(xy+yz+zx)^3(xyz) + 4950(x+y+z)^9(xy+yz+zx)^3(xyz)^2 + 8400(x+y+z)^6(xy+yz+zx)^3(xyz)^3 + 2835(x+y+z)^3(xy+yz+zx)^3(xyz)^4 + 33(xy+yz+zx)^3(xyz)^5 + 119(x+y+z)^{13}(xy+yz+zx)^4 - 748(x+y+z)^{10}(xy+yz+zx)^4(xyz) - 4530(x+y+z)^7(xy+yz+zx)^4(xyz)^2 - 3430(x+y+z)^4(xy+yz+zx)^4(xyz)^3 - 140(x+y+z)(xy+yz+zx)^4(xyz)^4 - 442(x+y+z)^{11}(xy+yz+zx)^5 - 561(x+y+z)^8(xy+yz+zx)^5(xyz) + 378(x+y+z)^5(xy+yz+zx)^5(xyz)^2 - 161(x+y+z)^2(xy+yz+zx)^5(xyz)^3 + 935(x+y+z)^9(xy+yz+zx)^6 + 2142(x+y+z)^6(xy+yz+zx)^6(xyz) + 1288(x+y+z)^3(xy+yz+zx)^6(xyz)^2 + 70(xy+yz+zx)^6(xyz)^3 - 1122(x+y+z)^7(xy+yz+zx)^7 - 1734(x+y+z)^4(xy+yz+zx)^7(xyz) - 308(x+y+z)(xy+yz+zx)^7(xyz)^2 +
\end{aligned}$$

$$714(x+y+z)^5(xy+yz+zx)^8+442(x+y+z)^2(xy+yz+zx)^8(xyz)-204(x+y+z)^3(xy+yz+zx)^9-17(xy+yz+zx)^9(xyz)+17(x+y+z)(xy+yz+zx)^{10}$$

$$\begin{aligned} s(20, 1, 0) = & -(x+y+z)^{18}(xyz) - 18(x+y+z)^{15}(xyz)^2 - 117(x+y+z)^{12}(xyz)^3 - 330(x+y+z)^9(xyz)^4 - 378(x+y+z)^6(xyz)^5 - 126(x+y+z)^3(xyz)^6 - 3(xyz)^7 + (x+y+z)^{19}(xy+yz+zx) + 37(x+y+z)^{16}(xy+yz+zx)(xyz) + 385(x+y+z)^{13}(xy+yz+zx)(xyz)^2 + 1606(x+y+z)^{10}(xy+yz+zx)(xyz)^3 + 2730(x+y+z)^7(xy+yz+zx)(xyz)^4 + 1526(x+y+z)^4(xy+yz+zx)(xyz)^5 + 127(x+y+z)(xy+yz+zx)(xyz)^6 - 19(x+y+z)^{17}(xy+yz+zx)^2 - 420(x+y+z)^{14}(xy+yz+zx)^2(xyz) - 2886(x+y+z)^{11}(xy+yz+zx)^2(xyz)^2 - 7590(x+y+z)^8(xy+yz+zx)^2(xyz)^3 - 6930(x+y+z)^5(xy+yz+zx)^2(xyz)^4 - 1344(x+y+z)^2(xy+yz+zx)^2(xyz)^5 + 152(x+y+z)^{15}(xy+yz+zx)^3 + 2275(x+y+z)^{12}(xy+yz+zx)^3(xyz) + 10230(x+y+z)^9(xy+yz+zx)^3(xyz)^2 + 15540(x+y+z)^6(xy+yz+zx)^3(xyz)^3 + 6020(x+y+z)^3(xy+yz+zx)^3(xyz)^4 + 147(xy+yz+zx)^3(xyz)^5 - 665(x+y+z)^{13}(xy+yz+zx)^4 - 6721(x+y+z)^{10}(xy+yz+zx)^4(xyz) - 18480(x+y+z)^7(xy+yz+zx)^4(xyz)^2 - 13650(x+y+z)^4(xy+yz+zx)^4(xyz)^3 - 1295(x+y+z)(xy+yz+zx)^4(xyz)^4 + 1729(x+y+z)^{11}(xy+yz+zx)^5 + 11187(x+y+z)^8(xy+yz+zx)^5(xyz) + 16506(x+y+z)^5(xy+yz+zx)^5(xyz)^2 + 4172(x+y+z)^2(xy+yz+zx)^5(xyz)^3 - 2717(x+y+z)^9(xy+yz+zx)^6 - 10164(x+y+z)^6(xy+yz+zx)^6(xyz) - 6300(x+y+z)^3(xy+yz+zx)^6(xyz)^2 - 196(xy+yz+zx)^6(xyz)^3 + 2508(x+y+z)^7(xy+yz+zx)^7 + 4530(x+y+z)^4(xy+yz+zx)^7(xyz) + 676(x+y+z)(xy+yz+zx)^7(xyz)^2 - 1254(x+y+z)^5(xy+yz+zx)^8 - 765(x+y+z)^2(xy+yz+zx)^8(xyz) + 285(x+y+z)^3(xy+yz+zx)^9 + 21(xy+yz+zx)^9(xyz) - 19(x+y+z)(xy+yz+zx)^{10} \end{aligned}$$

$$\begin{aligned} s(21, 0, 0) = & +(x+y+z)^{21} + 21(x+y+z)^{18}(xyz) + 168(x+y+z)^{15}(xyz)^2 + 637(x+y+z)^{12}(xyz)^3 + 1155(x+y+z)^9(xyz)^4 + 882(x+y+z)^6(xyz)^5 + 196(x+y+z)^3(xyz)^6 + 3(xyz)^7 - 21(x+y+z)^{19}(xy+yz+zx) - 357(x+y+z)^{16}(xy+yz+zx)(xyz) - 2205(x+y+z)^{13}(xy+yz+zx)(xyz)^2 - 6006(x+y+z)^{10}(xy+yz+zx)(xyz)^3 - 6930(x+y+z)^7(xy+yz+zx)(xyz)^4 - 2646(x+y+z)^4(xy+yz+zx)(xyz)^5 - 147(x+y+z)(xy+yz+zx)(xyz)^6 + 189(x+y+z)^{17}(xy+yz+zx)^2 + 2520(x+y+z)^{14}(xy+yz+zx)^2(xyz) + 11466(x+y+z)^{11}(xy+yz+zx)^2(xyz)^2 + 20790(x+y+z)^8(xy+yz+zx)^2(xyz)^3 + 13230(x+y+z)^5(xy+yz+zx)^2(xyz)^4 + 1764(x+y+z)^2(xy+yz+zx)^2(xyz)^5 - 952(x+y+z)^{15}(xy+yz+zx)^3 - 9555(x+y+z)^{12}(xy+yz+zx)^3(xyz) - 30030(x+y+z)^9(xy+yz+zx)^3(xyz)^2 - 32340(x+y+z)^6(xy+yz+zx)^3(xyz)^3 - 10164(x+y+z)^3(xy+yz+zx)^3(xyz)^4 - 196(xy+yz+zx)^3(xyz)^5 + 2508(x+y+z)^7(xy+yz+zx)^7 + 4530(x+y+z)^4(xy+yz+zx)^7(xyz) + 676(x+y+z)(xy+yz+zx)^7(xyz)^2 - 1254(x+y+z)^5(xy+yz+zx)^8 - 765(x+y+z)^2(xy+yz+zx)^8(xyz) + 285(x+y+z)^3(xy+yz+zx)^9 + 21(xy+yz+zx)^9(xyz) - 19(x+y+z)(xy+yz+zx)^{10} \end{aligned}$$

$$\begin{aligned}
& y+z)^6(xy+yz+zx)^3(xyz)^3 - 8820(x+y+z)^3(xy+yz+zx)^3(xyz)^4 - \\
& 147(xy+yz+zx)^3(xyz)^5 + 2940(x+y+z)^{13}(xy+yz+zx)^4 + 21021(x+y+z)^{10}(xy+yz+zx)^4(xyz) + 41580(x+y+z)^7(xy+yz+zx)^4(xyz)^2 + \\
& 22050(x+y+z)^4(xy+yz+zx)^4(xyz)^3 + 1470(x+y+z)(xy+yz+zx)^4(xy+yz+zx)^4(xyz)^4 - 5733(x+y+z)^{11}(xy+yz+zx)^5 - 27027(x+y+z)^8(xy+yz+zx)^5(xyz) - 29106(x+y+z)^5(xy+yz+zx)^5(xyz)^2 - 5292(x+y+z)^2(xy+yz+zx)^5(xyz)^3 + 7007(x+y+z)^9(xy+yz+zx)^6 + 19404(x+y+z)^6(xy+yz+zx)^6(xyz) + 8820(x+y+z)^3(xy+yz+zx)^6(xyz)^2 + \\
& 196(xy+yz+zx)^6(xyz)^3 - 5148(x+y+z)^7(xy+yz+zx)^7 - 6930(x+y+z)^4(xy+yz+zx)^7(xyz) - 756(x+y+z)(xy+yz+zx)^7(xyz)^2 + 2079(x+y+z)^5(xy+yz+zx)^8 + 945(x+y+z)^2(xy+yz+zx)^8(xyz) - 385(x+y+z)^3(xy+yz+zx)^9 - 21(xy+yz+zx)^9(xyz) + 21(x+y+z)(xy+yz+zx)^{10}
\end{aligned}$$

$$\begin{aligned}
s(11, 11, 0) = & +11(x+y+z)^4(xyz)^6 - 11(x+y+z)(xyz)^7 - 11(x+y+z)^5(xy+yz+zx)(xyz)^5 + 66(x+y+z)^2(xy+yz+zx)(xyz)^6 - 110(x+y+z)^3(xy+yz+zx)^2(xyz)^5 + 22(xy+yz+zx)^2(xyz)^6 + 55(x+y+z)^4(xy+yz+zx)^3(xyz)^4 - 110(x+y+z)(xy+yz+zx)^3(xyz)^5 + 165(x+y+z)^2(xy+yz+zx)^4(xyz)^4 - 77(x+y+z)^3(xy+yz+zx)^5(xyz)^3 + 33(xy+yz+zx)^5(xyz)^4 - 77(x+y+z)(xy+yz+zx)^6(xyz)^3 + 44(x+y+z)^2(xy+yz+zx)^7(xyz)^2 + 11(xy+yz+zx)^8(xyz)^2 - 11(x+y+z)(xy+yz+zx)^9(xyz) + (xy+yz+zx)^{11}
\end{aligned}$$

$$\begin{aligned}
s(12, 10, 0) = & -2(x+y+z)^7(xyz)^5 + 13(x+y+z)^4(xyz)^6 + 8(x+y+z)(xyz)^7 - 36(x+y+z)^5(xy+yz+zx)(xyz)^5 - 44(x+y+z)^2(xy+yz+zx)(xyz)^6 + 25(x+y+z)^6(xy+yz+zx)^2(xyz)^4 + 36(x+y+z)^3(xy+yz+zx)^2(xyz)^5 - 32(xy+yz+zx)^2(xyz)^6 + 50(x+y+z)^4(xy+yz+zx)^3(xyz)^4 + 152(x+y+z)(xy+yz+zx)^3(xyz)^5 - 50(x+y+z)^5(xy+yz+zx)^4(xyz)^3 - 195(x+y+z)^2(xy+yz+zx)^4(xyz)^4 + 40(x+y+z)^3(xy+yz+zx)^5(xyz)^3 - 58(xy+yz+zx)^5(xyz)^4 + 35(x+y+z)^4(xy+yz+zx)^6(xyz)^2 + 128(x+y+z)(xy+yz+zx)^6(xyz)^3 - 60(x+y+z)^2(xy+yz+zx)^7(xyz)^2 - 10(x+y+z)^3(xy+yz+zx)^8(xyz) - 21(xy+yz+zx)^8(xyz)^2 + 20(x+y+z)(xy+yz+zx)^9(xyz) + (x+y+z)^2(xy+yz+zx)^{10} - 2(xy+yz+zx)^{11}
\end{aligned}$$

$$\begin{aligned}
s(13, 9, 0) = & -9(x+y+z)^7(xyz)^5 - 33(x+y+z)^4(xyz)^6 + 17(x+y+z)(xyz)^7 + 9(x+y+z)^8(xy+yz+zx)(xyz)^4 + 45(x+y+z)^5(xy+yz+zx)(xyz)^5 - 125(x+y+z)^2(xy+yz+zx)(xyz)^6 + 18(x+y+z)^6(xy+yz+zx)^2(xyz)^4 + 306(x+y+z)^3(xy+yz+zx)^2(xyz)^5 + (xy+yz+zx)^2(xyz)^6 - 30(x+y+z)^7(xy+yz+zx)^3(xyz)^3 - 300(x+y+z)^4(xy+
\end{aligned}$$

$$\begin{aligned}
&yz + zx)^3(xyz)^4 + 23(x + y + z)(xy + yz + zx)^3(xyz)^5 + 75(x + y + z)^5(xy + \\
&yz + zx)^4(xyz)^3 - 144(x + y + z)^2(xy + yz + zx)^4(xyz)^4 + 27(x + y + z)^6(xy + \\
&yz + zx)^5(xyz)^2 + 228(x + y + z)^3(xy + yz + zx)^5(xyz)^3 + 35(xy + yz + \\
&zx)^5(xyz)^4 - 99(x + y + z)^4(xy + yz + zx)^6(xyz)^2 - 54(x + y + z)(xy + yz + \\
&zx)^6(xyz)^3 - 9(x + y + z)^5(xy + yz + zx)^7(xyz) - 18(x + y + z)^2(xy + yz + \\
&zx)^7(xyz)^2 + 36(x + y + z)^3(xy + yz + zx)^8(xyz) + 18(xy + yz + zx)^8(xyz)^2 + \\
&(x + y + z)^4(xy + yz + zx)^9 - 14(x + y + z)(xy + yz + zx)^9(xyz) - 4(x + \\
&y + z)^2(xy + yz + zx)^{10} + 2(xy + yz + zx)^{11}
\end{aligned}$$

$$\begin{aligned}
s(14, 8, 0) = &+2(x + y + z)^{10}(xyz)^4 + 4(x + y + z)^7(xyz)^5 - 42(x + y + \\
&z)^4(xyz)^6 - 22(x + y + z)(xyz)^7 + 12(x + y + z)^8(xy + yz + zx)(xyz)^4 + 168(x + \\
&y + z)^5(xy + yz + zx)(xyz)^5 + 168(x + y + z)^2(xy + yz + zx)(xyz)^6 - 16(x + \\
&y + z)^9(xy + yz + zx)^2(xyz)^3 - 210(x + y + z)^6(xy + yz + zx)^2(xyz)^4 - 336(x + \\
&y + z)^3(xy + yz + zx)^2(xyz)^5 + 35(xy + yz + zx)^2(xyz)^6 + 64(x + y + z)^7(xy + \\
&yz + zx)^3(xyz)^3 + 140(x + y + z)^4(xy + yz + zx)^3(xyz)^4 - 224(x + y + z)(xy + \\
&yz + zx)^3(xyz)^5 + 20(x + y + z)^8(xy + yz + zx)^4(xyz)^2 + 168(x + y + z)^5(xy + \\
&yz + zx)^4(xyz)^3 + 504(x + y + z)^2(xy + yz + zx)^4(xyz)^4 - 112(x + y + z)^6(xy + \\
&yz + zx)^5(xyz)^2 - 448(x + y + z)^3(xy + yz + zx)^5(xyz)^3 - 8(x + y + z)^7(xy + \\
&yz + zx)^6(xyz) + 84(x + y + z)^4(xy + yz + zx)^6(xyz)^2 - 56(x + y + z)(xy + \\
&yz + zx)^6(xyz)^3 + 48(x + y + z)^5(xy + yz + zx)^7(xyz) + 128(x + y + z)^2(xy + \\
&yz + zx)^7(xyz)^2 + (x + y + z)^6(xy + yz + zx)^8 - 66(x + y + z)^3(xy + yz + \\
&zx)^8(xyz) - 13(xy + yz + zx)^8(xyz)^2 - 6(x + y + z)^4(xy + yz + zx)^9 + 4(x + \\
&y + z)(xy + yz + zx)^9(xyz) + 9(x + y + z)^2(xy + yz + zx)^{10} - 2(xy + yz + zx)^{11}
\end{aligned}$$

$$\begin{aligned}
s(15, 7, 0) = &+7(x + y + z)^{10}(xyz)^4 + 56(x + y + z)^7(xyz)^5 + 84(x + y + \\
&z)^4(xyz)^6 - (x + y + z)(xyz)^7 - 7(x + y + z)^{11}(xy + yz + zx)(xyz)^3 - 105(x + \\
&y + z)^8(xy + yz + zx)(xyz)^4 - 252(x + y + z)^5(xy + yz + zx)(xyz)^5 + 28(x + y + \\
&z)^2(xy + yz + zx)(xyz)^6 + 35(x + y + z)^9(xy + yz + zx)^2(xyz)^3 + 140(x + y + \\
&z)^6(xy + yz + zx)^2(xyz)^4 - 252(x + y + z)^3(xy + yz + zx)^2(xyz)^5 - 56(xy + yz + \\
&zx)^2(xyz)^6 + 14(x + y + z)^{10}(xy + yz + zx)^3(xyz)^2 + 140(x + y + z)^7(xy + yz + \\
&zx)^3(xyz)^3 + 700(x + y + z)^4(xy + yz + zx)^3(xyz)^4 + 336(x + y + z)(xy + yz + \\
&zx)^3(xyz)^5 - 105(x + y + z)^8(xy + yz + zx)^4(xyz)^2 - 700(x + y + z)^5(xy + yz + \\
&zx)^4(xyz)^3 - 630(x + y + z)^2(xy + yz + zx)^4(xyz)^4 - 7(x + y + z)^9(xy + yz + \\
&zx)^5(xyz) + 168(x + y + z)^6(xy + yz + zx)^5(xyz)^2 + 350(x + y + z)^3(xy + yz + \\
&zx)^5(xyz)^3 - 42(xy + yz + zx)^5(xyz)^4 + 56(x + y + z)^7(xy + yz + zx)^6(xyz) + \\
&140(x + y + z)^4(xy + yz + zx)^6(xyz)^2 + 182(x + y + z)(xy + yz + zx)^6(xyz)^3 + \\
&(x + y + z)^8(xy + yz + zx)^7 - 132(x + y + z)^5(xy + yz + zx)^7(xyz) - 240(x + y +
\end{aligned}$$

$$z)^2(xy+yz+zx)^7(xyz)^2 - 8(x+y+z)^6(xy+yz+zx)^8 + 80(x+y+z)^3(xy+yz+zx)^8(xyz) + 6(xy+yz+zx)^8(xyz)^2 + 20(x+y+z)^4(xy+yz+zx)^9 + 10(x+y+z)(xy+yz+zx)^9(xyz) - 16(x+y+z)^2(xy+yz+zx)^{10} + 2(xy+yz+zx)^{11}$$

$$\begin{aligned} s(16, 6, 0) = & -2(x+y+z)^{13}(xyz)^3 - 17(x+y+z)^{10}(xyz)^4 - 20(x+y+z)^7(xyz)^5 + 54(x+y+z)^4(xyz)^6 + 26(x+y+z)(xyz)^7 + 8(x+y+z)^{11}(xy+yz+zx)(xyz)^3 \\ & - 30(x+y+z)^8(xy+yz+zx)(xyz)^4 - 360(x+y+z)^5(xy+yz+zx)(xyz)^5 - 296(x+y+z)^2(xy+yz+zx)(xyz)^6 + 9(x+y+z)^{12}(xy+yz+zx)^2(xyz)^2 \\ & + 140(x+y+z)^9(xy+yz+zx)^2(xyz)^3 + 850(x+y+z)^6(xy+yz+zx)^2(xyz)^4 + 1080(x+y+z)^3(xy+yz+zx)^2(xyz)^5 + 43(xy+yz+zx)^2(xyz)^6 \\ & - 84(x+y+z)^{10}(xy+yz+zx)^3(xyz)^2 - 800(x+y+z)^7(xy+yz+zx)^3(xyz)^3 - 1660(x+y+z)^4(xy+yz+zx)^3(xyz)^4 \\ & - 240(x+y+z)(xy+yz+zx)^3(xyz)^5 - 6(x+y+z)^{11}(xy+yz+zx)^4(xyz) + 195(x+y+z)^8(xy+yz+zx)^4(xyz)^2 \\ & + 940(x+y+z)^5(xy+yz+zx)^4(xyz)^3 + 270(x+y+z)^2(xy+yz+zx)^4(xyz)^4 + 60(x+y+z)^9(xy+yz+zx)^5(xyz) \\ & + 120(x+y+z)^6(xy+yz+zx)^5(xyz)^2 + 304(x+y+z)^3(xy+yz+zx)^5(xyz)^3 + 84(xy+yz+zx)^5(xyz)^4 + (x+y+z)^{10}(xy+yz+zx)^6 \\ & - 200(x+y+z)^7(xy+yz+zx)^6(xyz) - 650(x+y+z)^4(xy+yz+zx)^6(xyz)^2 - 296(x+y+z)(xy+yz+zx)^6(xyz)^3 \\ & - 10(x+y+z)^8(xy+yz+zx)^7 + 240(x+y+z)^5(xy+yz+zx)^7(xyz) + 312(x+y+z)^2(xy+yz+zx)^7(xyz)^2 \\ & + 35(x+y+z)^6(xy+yz+zx)^8 - 50(x+y+z)^3(xy+yz+zx)^8(xyz) + 3(xy+yz+zx)^8(xyz)^2 \\ & - 50(x+y+z)^4(xy+yz+zx)^9 - 28(x+y+z)(xy+yz+zx)^9(xyz) + 25(x+y+z)^2(xy+yz+zx)^{10} - 2(xy+yz+zx)^{11} \end{aligned}$$

$$\begin{aligned} s(17, 5, 0) = & -5(x+y+z)^{13}(xyz)^3 - 60(x+y+z)^{10}(xyz)^4 - 211(x+y+z)^7(xyz)^5 - 207(x+y+z)^4(xyz)^6 \\ & - 22(x+y+z)(xyz)^7 + 5(x+y+z)^{14}(xy+yz+zx)(xyz)^2 + 120(x+y+z)^{11}(xy+yz+zx)(xyz)^3 + 690(x+y+z)^8(xy+yz+zx)(xyz)^4 \\ & + 1107(x+y+z)^5(xy+yz+zx)(xyz)^5 + 276(x+y+z)^2(xy+yz+zx)(xyz)^6 - 55(x+y+z)^{12}(xy+yz+zx)^2(xyz)^2 \\ & - 690(x+y+z)^9(xy+yz+zx)^2(xyz)^3 - 1950(x+y+z)^6(xy+yz+zx)^2(xyz)^4 - 954(x+y+z)^3(xy+yz+zx)^2(xyz)^5 \\ & + 8(xy+yz+zx)^2(xyz)^6 - 5(x+y+z)^{13}(xy+yz+zx)^3(xyz) + 150(x+y+z)^{10}(xy+yz+zx)^3(xyz)^2 \\ & + 1130(x+y+z)^7(xy+yz+zx)^3(xyz)^3 + 1000(x+y+z)^4(xy+yz+zx)^3(xyz)^4 - 128(x+y+z)(xy+yz+zx)^3(xyz)^5 \\ & + 60(x+y+z)^{11}(xy+yz+zx)^4(xyz) + 190(x+y+z)^8(xy+yz+zx)^4(xyz)^2 + 435(x+y+z)^5(xy+yz+zx)^4(xyz)^3 \\ & + 720(x+y+z)^2(xy+yz+zx)^4(xyz)^4 + (x+y+z)^{12}(xy+yz+zx)^5 - 258(x+y+z)^9(xy+yz+zx)^5(xyz) \\ & - 1253(x+y+z)^6(xy+yz+zx)^5(xyz)^2 - 1580(x+y+z)^3(xy+yz+zx)^5(xyz)^3 - 117(xy+yz+zx)^5(xyz)^4 \\ & - 12(x+y+z)^{10}(xy+yz+zx)^5 \end{aligned}$$

$$yz + zx)^6 + 464(x + y + z)^7(xy + yz + zx)^6(xyz) + 1365(x + y + z)^4(xy + yz + zx)^6(xyz)^2 + 362(x + y + z)(xy + yz + zx)^6(xyz)^3 + 54(x + y + z)^8(xy + yz + zx)^7 - 273(x + y + z)^5(xy + yz + zx)^7(xyz) - 290(x + y + z)^2(xy + yz + zx)^7(xyz)^2 - 112(x + y + z)^6(xy + yz + zx)^8 - 60(x + y + z)^3(xy + yz + zx)^8(xyz) - 14(xy + yz + zx)^8(xyz)^2 + 105(x + y + z)^4(xy + yz + zx)^9 + 50(x + y + z)(xy + yz + zx)^9(xyz) - 36(x + y + z)^2(xy + yz + zx)^{10} + 2(xy + yz + zx)^{11}$$

$$s(18, 4, 0) = +2(x + y + z)^{16}(xyz)^2 + 28(x + y + z)^{13}(xyz)^3 + 125(x + y + z)^{10}(xyz)^4 + 186(x + y + z)^7(xyz)^5 + 45(x + y + z)^4(xyz)^6 - 10(x + y + z)(xyz)^7 - 24(x + y + z)^{14}(xy + yz + zx)(xyz)^2 - 224(x + y + z)^{11}(xy + yz + zx)(xyz)^3 - 522(x + y + z)^8(xy + yz + zx)(xyz)^4 - 108(x + y + z)^5(xy + yz + zx)(xyz)^5 + 172(x + y + z)^2(xy + yz + zx)(xyz)^6 - 4(x + y + z)^{15}(xy + yz + zx)^2(xyz) + 42(x + y + z)^{12}(xy + yz + zx)^2(xyz)^2 + 196(x + y + z)^9(xy + yz + zx)^2(xyz)^3 - 525(x + y + z)^6(xy + yz + zx)^2(xyz)^4 - 1080(x + y + z)^3(xy + yz + zx)^2(xyz)^5 - 71(xy + yz + zx)^2(xyz)^6 + 56(x + y + z)^{13}(xy + yz + zx)^3(xyz) + 448(x + y + z)^{10}(xy + yz + zx)^3(xyz)^2 + 2016(x + y + z)^7(xy + yz + zx)^3(xyz)^3 + 3270(x + y + z)^4(xy + yz + zx)^3(xyz)^4 + 656(x + y + z)(xy + yz + zx)^3(xyz)^5 + (x + y + z)^{14}(xy + yz + zx)^4 - 294(x + y + z)^{11}(xy + yz + zx)^4(xyz) - 2205(x + y + z)^8(xy + yz + zx)^4(xyz)^2 - 4998(x + y + z)^5(xy + yz + zx)^4(xyz)^3 - 2160(x + y + z)^2(xy + yz + zx)^4(xyz)^4 - 14(x + y + z)^{12}(xy + yz + zx)^5 + 700(x + y + z)^9(xy + yz + zx)^5(xyz) + 3528(x + y + z)^6(xy + yz + zx)^5(xyz)^2 + 3192(x + y + z)^3(xy + yz + zx)^5(xyz)^3 + 128(xy + yz + zx)^5(xyz)^4 + 77(x + y + z)^{10}(xy + yz + zx)^6 - 672(x + y + z)^7(xy + yz + zx)^6(xyz) - 1911(x + y + z)^4(xy + yz + zx)^6(xyz)^2 - 336(x + y + z)(xy + yz + zx)^6(xyz)^3 - 210(x + y + z)^8(xy + yz + zx)^7 + 108(x + y + z)^2(xy + yz + zx)^7(xyz)^2 + 294(x + y + z)^6(xy + yz + zx)^8 + 294(x + y + z)^3(xy + yz + zx)^8(xyz) + 27(xy + yz + zx)^8(xyz)^2 - 196(x + y + z)^4(xy + yz + zx)^9 - 76(x + y + z)(xy + yz + zx)^9(xyz) + 49(x + y + z)^2(xy + yz + zx)^{10} - 2(xy + yz + zx)^{11}$$

$$s(19, 3, 0) = +3(x + y + z)^{16}(xyz)^2 + 47(x + y + z)^{13}(xyz)^3 + 251(x + y + z)^{10}(xyz)^4 + 524(x + y + z)^7(xyz)^5 + 355(x + y + z)^4(xyz)^6 + 35(x + y + z)(xyz)^7 - 3(x + y + z)^{17}(xy + yz + zx)(xyz) - 96(x + y + z)^{14}(xy + yz + zx)(xyz)^2 - 827(x + y + z)^{11}(xy + yz + zx)(xyz)^3 - 2619(x + y + z)^8(xy + yz + zx)(xyz)^4 - 2835(x + y + z)^5(xy + yz + zx)(xyz)^5 - 638(x + y + z)^2(xy + yz + zx)(xyz)^6 + 48(x + y + z)^{15}(xy + yz + zx)^2(xyz) + 888(x + y + z)^{12}(xy + yz + zx)^2(xyz)^2 + 4735(x + y + z)^9(xy + yz + zx)^2(xyz)^3 + 8372(x + y + z)^6(xy + yz + zx)^2(xyz)^4 + 3690(x + y + z)^3(xy + yz + zx)^2(xyz)^5 + 94(xy +$$

$$\begin{aligned}
& yz + zx)^2(xyz)^6 + (x + y + z)^{16}(xy + yz + zx)^3 - 296(x + y + z)^{13}(xy + yz + \\
& zx)^3(xyz) - 3608(x + y + z)^{10}(xy + yz + zx)^3(xyz)^2 - 11460(x + y + z)^7(xy + \\
& yz + zx)^3(xyz)^3 - 9485(x + y + z)^4(xy + yz + zx)^3(xyz)^4 - 934(x + y + z)(xy + \\
& yz + zx)^3(xyz)^5 - 16(x + y + z)^{14}(xy + yz + zx)^4 + 864(x + y + z)^{11}(xy + \\
& yz + zx)^4(xyz) + 7020(x + y + z)^8(xy + yz + zx)^4(xyz)^2 + 11690(x + y + \\
& z)^5(xy + yz + zx)^4(xyz)^3 + 3045(x + y + z)^2(xy + yz + zx)^4(xyz)^4 + 104(x + \\
& y + z)^{12}(xy + yz + zx)^5 - 1100(x + y + z)^9(xy + yz + zx)^5(xyz) - 6048(x + \\
& y + z)^6(xy + yz + zx)^5(xyz)^2 - 3997(x + y + z)^3(xy + yz + zx)^5(xyz)^3 - \\
& 91(xy + yz + zx)^5(xyz)^4 - 352(x + y + z)^{10}(xy + yz + zx)^6 + 96(x + y + \\
& z)^7(xy + yz + zx)^6(xyz) + 1456(x + y + z)^4(xy + yz + zx)^6(xyz)^2 + 147(x + \\
& y + z)(xy + yz + zx)^6(xyz)^3 + 660(x + y + z)^8(xy + yz + zx)^7 + 1008(x + \\
& y + z)^5(xy + yz + zx)^7(xyz) + 312(x + y + z)^2(xy + yz + zx)^7(xyz)^2 - \\
& 672(x + y + z)^6(xy + yz + zx)^8 - 704(x + y + z)^3(xy + yz + zx)^8(xyz) - \\
& 42(xy + yz + zx)^8(xyz)^2 + 336(x + y + z)^4(xy + yz + zx)^9 + 106(x + y + \\
& z)(xy + yz + zx)^9(xyz) - 64(x + y + z)^2(xy + yz + zx)^{10} + 2(xy + yz + zx)^{11}
\end{aligned}$$

$$\begin{aligned}
& s(20, 2, 0) = -2(x + y + z)^{19}(xyz) - 37(x + y + z)^{16}(xyz)^2 - 250(x + y + \\
& z)^{13}(xyz)^3 - 748(x + y + z)^{10}(xyz)^4 - 948(x + y + z)^7(xyz)^5 - 392(x + y + \\
& z)^4(xyz)^6 - 22(x + y + z)(xyz)^7 + 36(x + y + z)^{17}(xy + yz + zx)(xyz) + 520(x + \\
& y + z)^{14}(xy + yz + zx)(xyz)^2 + 2568(x + y + z)^{11}(xy + yz + zx)(xyz)^3 + \\
& 5040(x + y + z)^8(xy + yz + zx)(xyz)^4 + 3416(x + y + z)^5(xy + yz + zx)(xyz)^5 + \\
& 456(x + y + z)^2(xy + yz + zx)(xyz)^6 + (x + y + z)^{18}(xy + yz + zx)^2 - 252(x + y + \\
& z)^{15}(xy + yz + zx)^2(xyz) - 2795(x + y + z)^{12}(xy + yz + zx)^2(xyz)^2 - 9460(x + \\
& y + z)^9(xy + yz + zx)^2(xyz)^3 - 10710(x + y + z)^6(xy + yz + zx)^2(xyz)^4 - \\
& 2884(x + y + z)^3(xy + yz + zx)^2(xyz)^5 - 37(xy + yz + zx)^2(xyz)^6 - 18(x + \\
& y + z)^{16}(xy + yz + zx)^3 + 840(x + y + z)^{13}(xy + yz + zx)^3(xyz) + 7084(x + y + \\
& z)^{10}(xy + yz + zx)^3(xyz)^2 + 14880(x + y + z)^7(xy + yz + zx)^3(xyz)^3 + 7700(x + \\
& y + z)^4(xy + yz + zx)^3(xyz)^4 + 392(x + y + z)(xy + yz + zx)^3(xyz)^5 + 135(x + \\
& y + z)^{14}(xy + yz + zx)^4 - 1170(x + y + z)^{11}(xy + yz + zx)^4(xyz) - 8085(x + y + \\
& z)^8(xy + yz + zx)^4(xyz)^2 - 8820(x + y + z)^5(xy + yz + zx)^4(xyz)^3 - 1155(x + \\
& y + z)^2(xy + yz + zx)^4(xyz)^4 - 546(x + y + z)^{12}(xy + yz + zx)^5 - 396(x + y + \\
& z)^9(xy + yz + zx)^5(xyz) + 2184(x + y + z)^6(xy + yz + zx)^5(xyz)^2 + 560(x + y + \\
& z)^3(xy + yz + zx)^5(xyz)^3 - 42(xy + yz + zx)^5(xyz)^4 + 1287(x + y + z)^{10}(xy + \\
& yz + zx)^6 + 3168(x + y + z)^7(xy + yz + zx)^6(xyz) + 2310(x + y + z)^4(xy + yz + \\
& zx)^6(xyz)^2 + 392(x + y + z)(xy + yz + zx)^6(xyz)^3 - 1782(x + y + z)^8(xy + \\
& yz + zx)^7 - 3456(x + y + z)^5(xy + yz + zx)^7(xyz) - 1160(x + y + z)^2(xy + yz +
\end{aligned}$$

$$zx)^7(xyz)^2 + 1386(x+y+z)^6(xy+yz+zx)^8 + 1350(x+y+z)^3(xy+yz+zx)^8(xyz) + 61(xy+yz+zx)^8(xyz)^2 - 540(x+y+z)^4(xy+yz+zx)^9 - 140(x+y+z)(xy+yz+zx)^9(xyz) + 81(x+y+z)^2(xy+yz+zx)^{10} - 2(xy+yz+zx)^{11}$$

$$\begin{aligned} s(21, 1, 0) = & -(x+y+z)^{19}(xyz) - 19(x+y+z)^{16}(xyz)^2 - 133(x+y+z)^{13}(xyz)^3 - 418(x+y+z)^{10}(xyz)^4 - 570(x+y+z)^7(xyz)^5 - 266(x+y+z)^4(xyz)^6 - 19(x+y+z)(xyz)^7 + (x+y+z)^{20}(xy+yz+zx) + 39(x+y+z)^{17}(xy+yz+zx)(xyz) + 435(x+y+z)^{14}(xy+yz+zx)(xyz)^2 + 2002(x+y+z)^{11}(xy+yz+zx)(xyz)^3 + 3960(x+y+z)^8(xy+yz+zx)(xyz)^4 + 2898(x+y+z)^5(xy+yz+zx)(xyz)^5 + 469(x+y+z)^2(xy+yz+zx)(xyz)^6 - 20(x+y+z)^{18}(xy+yz+zx)^2 - 472(x+y+z)^{15}(xy+yz+zx)^2(xyz) - 3549(x+y+z)^{12}(xy+yz+zx)^2(xyz)^2 - 10670(x+y+z)^9(xy+yz+zx)^2(xyz)^3 - 12180(x+y+z)^6(xy+yz+zx)^2(xyz)^4 - 3780(x+y+z)^3(xy+yz+zx)^2(xyz)^5 - 77(xy+yz+zx)^2(xyz)^6 + 170(x+y+z)^{16}(xy+yz+zx)^3 + 2765(x+y+z)^{13}(xy+yz+zx)^3(xyz) + 14014(x+y+z)^{10}(xy+yz+zx)^3(xyz)^2 + 25740(x+y+z)^7(xy+yz+zx)^3(xyz)^3 + 14280(x+y+z)^4(xy+yz+zx)^3(xyz)^4 + 1085(x+y+z)(xy+yz+zx)^3(xyz)^5 - 800(x+y+z)^{14}(xy+yz+zx)^4 - 9009(x+y+z)^{11}(xy+yz+zx)^4(xyz) - 29205(x+y+z)^8(xy+yz+zx)^4(xyz)^2 - 28770(x+y+z)^5(xy+yz+zx)^4(xyz)^3 - 5460(x+y+z)^2(xy+yz+zx)^4(xyz)^4 + 2275(x+y+z)^{12}(xy+yz+zx)^5 + 17017(x+y+z)^9(xy+yz+zx)^5(xyz) + 31878(x+y+z)^6(xy+yz+zx)^5(xyz)^2 + 13188(x+y+z)^3(xy+yz+zx)^5(xyz)^3 + 308(xy+yz+zx)^5(xyz)^4 - 4004(x+y+z)^{10}(xy+yz+zx)^6 - 18348(x+y+z)^7(xy+yz+zx)^6(xyz) - 16590(x+y+z)^4(xy+yz+zx)^6(xyz)^2 - 1652(x+y+z)(xy+yz+zx)^6(xyz)^3 + 4290(x+y+z)^8(xy+yz+zx)^7 + 10494(x+y+z)^5(xy+yz+zx)^7(xyz) + 3204(x+y+z)^2(xy+yz+zx)^7(xyz)^2 - 2640(x+y+z)^6(xy+yz+zx)^8 - 2685(x+y+z)^3(xy+yz+zx)^8(xyz) - 99(xy+yz+zx)^8(xyz)^2 + 825(x+y+z)^4(xy+yz+zx)^9 + 199(x+y+z)(xy+yz+zx)^9(xyz) - 100(x+y+z)^2(xy+yz+zx)^{10} + 2(xy+yz+zx)^{11} \end{aligned}$$

$$\begin{aligned} s(22, 0, 0) = & +(x+y+z)^{22} + 22(x+y+z)^{19}(xyz) + 187(x+y+z)^{16}(xyz)^2 + 770(x+y+z)^{13}(xyz)^3 + 1573(x+y+z)^{10}(xyz)^4 + 1452(x+y+z)^7(xyz)^5 + 462(x+y+z)^4(xyz)^6 + 22(x+y+z)(xyz)^7 - 22(x+y+z)^{20}(xy+yz+zx) - 396(x+y+z)^{17}(xy+yz+zx)(xyz) - 2640(x+y+z)^{14}(xy+yz+zx)(xyz)^2 - 8008(x+y+z)^{11}(xy+yz+zx)(xyz)^3 - 10890(x+y+z)^8(xy+yz+zx)(xyz)^4 - 5544(x+y+z)^5(xy+yz+zx)(xyz)^5 - 616(x+y+z)^2(xy+yz+zx)(xyz)^6 + 209(x+y+z)^{18}(xy+yz+zx)^2 + 2992(x+y+z)^{15}(xy+yz+zx)^2(xyz) + 15015(x+y+z)^{12}(xy+yz+zx)^2(xyz)^2 + 31460(x+y+z)^9(xy+ \end{aligned}$$

$$\begin{aligned}
& yz + zx)^2(xyz)^3 + 25410(x + y + z)^6(xy + yz + zx)^2(xyz)^4 + 5544(x + y + z)^3(xy + yz + zx)^2(xyz)^5 + 77(xy + yz + zx)^2(xyz)^6 - 1122(x + y + z)^{16}(xy + yz + zx)^3 - 12320(x + y + z)^{13}(xy + yz + zx)^3(xyz) - 44044(x + y + z)^{10}(xy + yz + zx)^3(xyz)^2 - 58080(x + y + z)^7(xy + yz + zx)^3(xyz)^3 - 23100(x + y + z)^4(xy + yz + zx)^3(xyz)^4 - 1232(x + y + z)(xy + yz + zx)^3(xyz)^5 + 3740(x + y + z)^{14}(xy + yz + zx)^4 + 30030(x + y + z)^{11}(xy + yz + zx)^4(xyz) + 70785(x + y + z)^8(xy + yz + zx)^4(xyz)^2 + 50820(x + y + z)^5(xy + yz + zx)^4(xyz)^3 + 6930(x + y + z)^2(xy + yz + zx)^4(xyz)^4 - 8008(x + y + z)^{12}(xy + yz + zx)^5 - 44044(x + y + z)^9(xy + yz + zx)^5(xyz) - 60984(x + y + z)^6(xy + yz + zx)^5(xyz)^2 - 18480(x + y + z)^3(xy + yz + zx)^5(xyz)^3 - 308(xy + yz + zx)^5(xyz)^4 + 11011(x + y + z)^{10}(xy + yz + zx)^6 + 37752(x + y + z)^7(xy + yz + zx)^6(xyz) + 25410(x + y + z)^4(xy + yz + zx)^6(xyz)^2 + 1848(x + y + z)(xy + yz + zx)^6(xyz)^3 - 9438(x + y + z)^8(xy + yz + zx)^7 - 17424(x + y + z)^5(xy + yz + zx)^7(xyz) - 3960(x + y + z)^2(xy + yz + zx)^7(xyz)^2 + 4719(x + y + z)^6(xy + yz + zx)^8 + 3630(x + y + z)^3(xy + yz + zx)^8(xyz) + 99(xy + yz + zx)^8(xyz)^2 - 1210(x + y + z)^4(xy + yz + zx)^9 - 220(x + y + z)(xy + yz + zx)^9(xyz) + 121(x + y + z)^2(xy + yz + zx)^{10} - 2(xy + yz + zx)^{11}
\end{aligned}$$

$$\begin{aligned}
s(12, 11, 0) = & +13(x + y + z)^5(xyz)^6 - 26(x + y + z)^2(xyz)^7 - 11(x + y + z)^6(xy + yz + zx)(xyz)^5 + 106(x + y + z)^3(xy + yz + zx)(xyz)^6 - 10(xy + yz + zx)(xyz)^7 - 135(x + y + z)^4(xy + yz + zx)^2(xyz)^5 + 82(x + y + z)(xy + yz + zx)^2(xyz)^6 + 55(x + y + z)^5(xy + yz + zx)^3(xyz)^4 - 210(x + y + z)^2(xy + yz + zx)^3(xyz)^5 + 215(x + y + z)^3(xy + yz + zx)^4(xyz)^4 - 25(xy + yz + zx)^4(xyz)^5 - 77(x + y + z)^4(xy + yz + zx)^5(xyz)^3 + 93(x + y + z)(xy + yz + zx)^5(xyz)^4 - 112(x + y + z)^2(xy + yz + zx)^6(xyz)^3 + 44(x + y + z)^3(xy + yz + zx)^7(xyz)^2 - 10(xy + yz + zx)^7(xyz)^3 + 21(x + y + z)(xy + yz + zx)^8(xyz)^2 - 11(x + y + z)^2(xy + yz + zx)^9(xyz) - (xy + yz + zx)^{10}(xyz) + (x + y + z)(xy + yz + zx)^{11}
\end{aligned}$$

$$\begin{aligned}
s(13, 10, 0) = & -2(x + y + z)^8(xyz)^5 + 9(x + y + z)^5(xyz)^6 + 38(x + y + z)^2(xyz)^7 - 34(x + y + z)^6(xy + yz + zx)(xyz)^5 - 148(x + y + z)^3(xy + yz + zx)(xyz)^6 + 23(xy + yz + zx)(xyz)^7 + 25(x + y + z)^7(xy + yz + zx)^2(xyz)^4 + 135(x + y + z)^4(xy + yz + zx)^2(xyz)^5 - 189(x + y + z)(xy + yz + zx)^2(xyz)^6 + 25(x + y + z)^5(xy + yz + zx)^3(xyz)^4 + 466(x + y + z)^2(xy + yz + zx)^3(xyz)^5 - 50(x + y + z)^6(xy + yz + zx)^4(xyz)^3 - 425(x + y + z)^3(xy + yz + zx)^4(xyz)^4 + 68(xy + yz + zx)^4(xyz)^5 + 90(x + y + z)^4(xy + yz + zx)^5(xyz)^3 - 248(x + y + z)(xy + yz + zx)^5(xyz)^4 + 35(x + y + z)^5(xy + yz + zx)^6(xyz)^2 + 285(x + y + z)^2(xy + yz + zx)^6(xyz)^3 - 95(x + y + z)^3(xy + yz + zx)^7(xyz)^2 +
\end{aligned}$$

$$29(xy + yz + zx)^7(xyz)^3 - 10(x + y + z)^4(xy + yz + zx)^8(xyz) - 60(x + y + z)(xy + yz + zx)^8(xyz)^2 + 30(x + y + z)^2(xy + yz + zx)^9(xyz) + (x + y + z)^3(xy + yz + zx)^{10} + 3(xy + yz + zx)^{10}(xyz) - 3(x + y + z)(xy + yz + zx)^{11}$$

$$\begin{aligned} s(14, 9, 0) = & -9(x + y + z)^8(xyz)^5 - 42(x + y + z)^5(xyz)^6 + 13(x + y + z)^2(xyz)^7 + 9(x + y + z)^9(xy + yz + zx)(xyz)^4 + 63(x + y + z)^6(xy + yz + zx)(xyz)^5 \\ & - 105(x + y + z)^3(xy + yz + zx)(xyz)^6 - 19(xy + yz + zx)(xyz)^7 + 9(x + y + z)^7(xy + yz + zx)^2(xyz)^4 + 315(x + y + z)^4(xy + yz + zx)^2(xyz)^5 \\ & + 154(x + y + z)(xy + yz + zx)^2(xyz)^6 - 30(x + y + z)^8(xy + yz + zx)^3(xyz)^3 - 357(x + y + z)^5(xy + yz + zx)^3(xyz)^4 \\ & - 315(x + y + z)^2(xy + yz + zx)^3(xyz)^5 + 105(x + y + z)^6(xy + yz + zx)^4(xyz)^3 + 105(x + y + z)^3(xy + yz + zx)^4(xyz)^4 \\ & - 91(xy + yz + zx)^4(xyz)^5 + 27(x + y + z)^7(xy + yz + zx)^5(xyz)^2 + 210(x + y + z)^4(xy + yz + zx)^5(xyz)^3 + 315(x + y + z)(xy + yz + zx)^5(xyz)^4 \\ & - 126(x + y + z)^5(xy + yz + zx)^6(xyz)^2 - 315(x + y + z)^2(xy + yz + zx)^6(xyz)^3 - 9(x + y + z)^6(xy + yz + zx)^7(xyz) + 45(x + y + z)^3(xy + yz + zx)^7(xyz)^2 \\ & - 45(xy + yz + zx)^7(xyz)^3 + 45(x + y + z)^4(xy + yz + zx)^8(xyz) + 90(x + y + z)(xy + yz + zx)^8(xyz)^2 + (x + y + z)^5(xy + yz + zx)^9 \\ & - 40(x + y + z)^2(xy + yz + zx)^9(xyz) - 5(x + y + z)^3(xy + yz + zx)^{10} - 5(xy + yz + zx)^{10}(xyz) + 5(x + y + z)(xy + yz + zx)^{11} \end{aligned}$$

$$\begin{aligned} s(15, 8, 0) = & +2(x + y + z)^{11}(xyz)^4 + 6(x + y + z)^8(xyz)^5 - 42(x + y + z)^5(xyz)^6 - 56(x + y + z)^2(xyz)^7 + 10(x + y + z)^9(xy + yz + zx)(xyz)^4 + 182(x + y + z)^6(xy + yz + zx)(xyz)^5 \\ & + 336(x + y + z)^3(xy + yz + zx)(xyz)^6 - (xy + yz + zx)(xyz)^7 - 16(x + y + z)^{10}(xy + yz + zx)^2(xyz)^3 - 240(x + y + z)^7(xy + yz + zx)^2(xyz)^4 \\ & - 630(x + y + z)^4(xy + yz + zx)^2(xyz)^5 + 28(x + y + z)(xy + yz + zx)^2(xyz)^6 + 80(x + y + z)^8(xy + yz + zx)^3(xyz)^3 + 350(x + y + z)^5(xy + yz + zx)^3(xyz)^4 \\ & - 252(x + y + z)^2(xy + yz + zx)^3(xyz)^5 + 20(x + y + z)^9(xy + yz + zx)^4(xyz)^2 + 140(x + y + z)^6(xy + yz + zx)^4(xyz)^3 + 700(x + y + z)^3(xy + yz + zx)^4(xyz)^4 \\ & + 84(xy + yz + zx)^4(xyz)^5 - 132(x + y + z)^7(xy + yz + zx)^5(xyz)^2 - 700(x + y + z)^4(xy + yz + zx)^5(xyz)^3 - 252(x + y + z)(xy + yz + zx)^5(xyz)^4 \\ & - 8(x + y + z)^8(xy + yz + zx)^6(xyz) + 168(x + y + z)^5(xy + yz + zx)^6(xyz)^2 + 140(x + y + z)^2(xy + yz + zx)^6(xyz)^3 + 56(x + y + z)^6(xy + yz + zx)^7(xyz) \\ & + 140(x + y + z)^3(xy + yz + zx)^7(xyz)^2 + 56(xy + yz + zx)^7(xyz)^3 + (x + y + z)^7(xy + yz + zx)^8 - 105(x + y + z)^4(xy + yz + zx)^8(xyz) \\ & - 105(x + y + z)(xy + yz + zx)^8(xyz)^2 - 7(x + y + z)^5(xy + yz + zx)^9 + 35(x + y + z)^2(xy + yz + zx)^9(xyz) + 14(x + y + z)^3(xy + yz + zx)^{10} \\ & + 7(xy + yz + zx)^{10}(xyz) - 7(x + y + z)(xy + yz + zx)^{11} \end{aligned}$$

$$\begin{aligned}
s(16, 7, 0) = & +7(x+y+z)^{11}(xyz)^4 + 63(x+y+z)^8(xyz)^5 + 126(x+y+z)^5(xyz)^6 + 20(x+y+z)^2(xyz)^7 - 7(x+y+z)^{12}(xy+yz+zx)(xyz)^3 - 119(x+y+z)^9(xy+yz+zx)(xyz)^4 - 378(x+y+z)^6(xy+yz+zx)(xyz)^5 - 84(x+y+z)^3(xy+yz+zx)(xyz)^6 + 23(xy+yz+zx)(xyz)^7 + 42(x+y+z)^{10}(xy+yz+zx)^2(xyz)^3 + 252(x+y+z)^7(xy+yz+zx)^2(xyz)^4 - 126(x+y+z)^4(xy+yz+zx)^2(xyz)^5 - 252(x+y+z)(xy+yz+zx)^2(xyz)^6 + 14(x+y+z)^{11}(xy+yz+zx)^3(xyz)^2 + 126(x+y+z)^8(xy+yz+zx)^3(xyz)^3 + 798(x+y+z)^5(xy+yz+zx)^3(xyz)^4 + 924(x+y+z)^2(xy+yz+zx)^3(xyz)^5 - 119(x+y+z)^9(xy+yz+zx)^4(xyz)^2 - 924(x+y+z)^6(xy+yz+zx)^4(xyz)^3 - 1470(x+y+z)^3(xy+yz+zx)^4(xyz)^4 - 42(xy+yz+zx)^4(xyz)^5 - 7(x+y+z)^{10}(xy+yz+zx)^5(xyz) + 252(x+y+z)^7(xy+yz+zx)^5(xyz)^2 + 882(x+y+z)^4(xy+yz+zx)^5(xyz)^3 + 42(x+y+z)(xy+yz+zx)^5(xyz)^4 + 63(x+y+z)^8(xy+yz+zx)^6(xyz) + 84(x+y+z)^5(xy+yz+zx)^6(xyz)^2 + 252(x+y+z)^2(xy+yz+zx)^6(xyz)^3 + (x+y+z)^9(xy+yz+zx)^7 - 180(x+y+z)^6(xy+yz+zx)^7(xyz) - 444(x+y+z)^3(xy+yz+zx)^7(xyz)^2 - 60(xy+yz+zx)^7(xyz)^3 - 9(x+y+z)^7(xy+yz+zx)^8 + 165(x+y+z)^4(xy+yz+zx)^8(xyz) + 99(x+y+z)(xy+yz+zx)^8(xyz)^2 + 27(x+y+z)^5(xy+yz+zx)^9 - 9(x+y+z)^2(xy+yz+zx)^9(xyz) - 30(x+y+z)^3(xy+yz+zx)^{10} - 9(xy+yz+zx)^{10}(xyz) + 9(x+y+z)(xy+yz+zx)^{11}
\end{aligned}$$

$$\begin{aligned}
s(17, 6, 0) = & -2(x+y+z)^{14}(xyz)^3 - 19(x+y+z)^{11}(xyz)^4 - 33(x+y+z)^8(xyz)^5 + 54(x+y+z)^5(xyz)^6 + 61(x+y+z)^2(xyz)^7 + 10(x+y+z)^{12}(xy+yz+zx)(xyz)^3 - 11(x+y+z)^9(xy+yz+zx)(xyz)^4 - 407(x+y+z)^6(xy+yz+zx)(xyz)^5 - 567(x+y+z)^3(xy+yz+zx)(xyz)^6 - 28(xy+yz+zx)(xyz)^7 + 9(x+y+z)^{13}(xy+yz+zx)^2(xyz)^2 + 143(x+y+z)^{10}(xy+yz+zx)^2(xyz)^3 + 1023(x+y+z)^7(xy+yz+zx)^2(xyz)^4 + 1881(x+y+z)^4(xy+yz+zx)^2(xyz)^5 + 325(x+y+z)(xy+yz+zx)^2(xyz)^6 - 93(x+y+z)^{11}(xy+yz+zx)^3(xyz)^2 - 1001(x+y+z)^8(xy+yz+zx)^3(xyz)^3 - 2783(x+y+z)^5(xy+yz+zx)^3(xyz)^4 - 1089(x+y+z)^2(xy+yz+zx)^3(xyz)^5 - 6(x+y+z)^{12}(xy+yz+zx)^4(xyz) + 264(x+y+z)^9(xy+yz+zx)^4(xyz)^2 + 1639(x+y+z)^6(xy+yz+zx)^4(xyz)^3 + 1265(x+y+z)^3(xy+yz+zx)^4(xyz)^4 - 33(xy+yz+zx)^4(xyz)^5 + 66(x+y+z)^{10}(xy+yz+zx)^5(xyz) + 33(x+y+z)^7(xy+yz+zx)^5(xyz)^2 + 22(x+y+z)^4(xy+yz+zx)^5(xyz)^3 + 297(x+y+z)(xy+yz+zx)^5(xyz)^4 + (x+y+z)^{11}(xy+yz+zx)^6 - 253(x+y+z)^8(xy+yz+zx)^6(xyz) - 924(x+y+z)^5(xy+yz+zx)^6(xyz)^2 - 803(x+y+z)^2(xy+yz+zx)^6(xyz)^3 - 11(x+y+z)^9(xy+yz+zx)^7 + 385(x+y+z)^6(xy+yz+zx)^7(xyz) + 781(x+y+z)^3(xy+yz+zx)^7(xyz)^2 + 55(xy+
\end{aligned}$$

$$yz + zx)^7(xyz)^3 + 44(x + y + z)^7(xy + yz + zx)^8 - 165(x + y + z)^4(xy + yz + zx)^8(xyz) - 66(x + y + z)(xy + yz + zx)^8(xyz)^2 - 77(x + y + z)^5(xy + yz + zx)^9 - 44(x + y + z)^2(xy + yz + zx)^9(xyz) + 55(x + y + z)^3(xy + yz + zx)^{10} + 11(xy + yz + zx)^{10}(xyz) - 11(x + y + z)(xy + yz + zx)^{11}$$

$$\begin{aligned} s(18, 5, 0) = & -5(x + y + z)^{14}(xyz)^3 - 65(x + y + z)^{11}(xyz)^4 - 261(x + y + z)^8(xyz)^5 - 333(x + y + z)^5(xyz)^6 - 77(x + y + z)^2(xyz)^7 + 5(x + y + z)^{15}(xy + yz + zx)(xyz)^2 + 130(x + y + z)^{12}(xy + yz + zx)(xyz)^3 + 845(x + y + z)^9(xy + yz + zx)(xyz)^4 + 1698(x + y + z)^6(xy + yz + zx)(xyz)^5 + 747(x + y + z)^3(xy + yz + zx)(xyz)^6 + 8(xy + yz + zx)(xyz)^7 - 60(x + y + z)^{13}(xy + yz + zx)^2(xyz)^2 - 845(x + y + z)^{10}(xy + yz + zx)^2(xyz)^3 - 2925(x + y + z)^7(xy + yz + zx)^2(xyz)^4 - 2295(x + y + z)^4(xy + yz + zx)^2(xyz)^5 - 89(x + y + z)(xy + yz + zx)^2(xyz)^6 - 5(x + y + z)^{14}(xy + yz + zx)^3(xyz) + 195(x + y + z)^{11}(xy + yz + zx)^3(xyz)^2 + 1755(x + y + z)^8(xy + yz + zx)^3(xyz)^3 + 2535(x + y + z)^5(xy + yz + zx)^3(xyz)^4 + 81(x + y + z)^2(xy + yz + zx)^3(xyz)^5 + 65(x + y + z)^{12}(xy + yz + zx)^4(xyz) + 130(x + y + z)^9(xy + yz + zx)^4(xyz)^2 + 975(x + y + z)^3(xy + yz + zx)^4(xyz)^4 + 128(xy + yz + zx)^4(xyz)^5 + (x + y + z)^{13}(xy + yz + zx)^5 - 312(x + y + z)^{10}(xy + yz + zx)^5(xyz) - 1638(x + y + z)^7(xy + yz + zx)^5(xyz)^2 - 2730(x + y + z)^4(xy + yz + zx)^5(xyz)^3 - 702(x + y + z)(xy + yz + zx)^5(xyz)^4 - 13(x + y + z)^{11}(xy + yz + zx)^6 + 663(x + y + z)^8(xy + yz + zx)^6(xyz) + 2457(x + y + z)^5(xy + yz + zx)^6(xyz)^2 + 1365(x + y + z)^2(xy + yz + zx)^6(xyz)^3 + 65(x + y + z)^9(xy + yz + zx)^7 - 546(x + y + z)^6(xy + yz + zx)^7(xyz) - 975(x + y + z)^3(xy + yz + zx)^7(xyz)^2 - 39(xy + yz + zx)^7(xyz)^3 - 156(x + y + z)^7(xy + yz + zx)^8 + 182(x + y + z)^5(xy + yz + zx)^9 + 130(x + y + z)^2(xy + yz + zx)^9(xyz) - 91(x + y + z)^3(xy + yz + zx)^{10} - 13(xy + yz + zx)^{10}(xyz) + 13(x + y + z)(xy + yz + zx)^{11} \end{aligned}$$

$$\begin{aligned} s(19, 4, 0) = & +2(x + y + z)^{17}(xyz)^2 + 30(x + y + z)^{14}(xyz)^3 + 149(x + y + z)^{11}(xyz)^4 + 269(x + y + z)^8(xyz)^5 + 117(x + y + z)^5(xyz)^6 - 16(x + y + z)^2(xyz)^7 - 26(x + y + z)^{15}(xy + yz + zx)(xyz)^2 - 270(x + y + z)^{12}(xy + yz + zx)(xyz)^3 - 769(x + y + z)^9(xy + yz + zx)(xyz)^4 - 413(x + y + z)^6(xy + yz + zx)(xyz)^5 + 260(x + y + z)^3(xy + yz + zx)(xyz)^6 + 23(xy + yz + zx)(xyz)^7 - 4(x + y + z)^{16}(xy + yz + zx)^2(xyz) + 60(x + y + z)^{13}(xy + yz + zx)^2(xyz)^2 + 390(x + y + z)^{10}(xy + yz + zx)^2(xyz)^3 - 244(x + y + z)^7(xy + yz + zx)^2(xyz)^4 - 1665(x + y + z)^4(xy + yz + zx)^2(xyz)^5 - 378(x + y + z)(xy + yz + zx)^2(xyz)^6 + 60(x + y + z)^{14}(xy + yz + zx)^3(xyz) + 470(x + y + z)^{11}(xy + yz + zx)^3(xyz)^2 + 2340(x + y + z)^8(xy + yz + zx)^3(xyz)^3 + 5117(x + \end{aligned}$$

$$\begin{aligned}
& y+z)^5(xy+yz+zx)^3(xyz)^4+2110(x+y+z)^2(xy+yz+zx)^3(xyz)^5+(x+y+z)^{15}(xy+yz+zx)^4-345(x+y+z)^{12}(xy+yz+zx)^4(xyz)-2825(x+y+z)^9(xy+yz+zx)^4(xyz)^2-7840(x+y+z)^6(xy+yz+zx)^4(xyz)^3-5530(x+y+z)^3(xy+yz+zx)^4(xyz)^4-208(xy+yz+zx)^4(xyz)^5-15(x+y+z)^{13}(xy+yz+zx)^5+935(x+y+z)^{10}(xy+yz+zx)^5(xyz)+5544(x+y+z)^7(xy+yz+zx)^5(xyz)^2+7245(x+y+z)^4(xy+yz+zx)^5(xyz)^3+1036(x+y+z)(xy+yz+zx)^5(xyz)^4+90(x+y+z)^{11}(xy+yz+zx)^6-1125(x+y+z)^8(xy+yz+zx)^6(xyz)-4172(x+y+z)^5(xy+yz+zx)^6(xyz)^2-1680(x+y+z)^2(xy+yz+zx)^6(xyz)^3-275(x+y+z)^9(xy+yz+zx)^7+252(x+y+z)^6(xy+yz+zx)^7(xyz)+740(x+y+z)^3(xy+yz+zx)^7(xyz)^2+10(xy+yz+zx)^7(xyz)^3+450(x+y+z)^7(xy+yz+zx)^8+490(x+y+z)^4(xy+yz+zx)^8(xyz)+105(x+y+z)(xy+yz+zx)^8(xyz)^2-378(x+y+z)^5(xy+yz+zx)^9-255(x+y+z)^2(xy+yz+zx)^9(xyz)+140(x+y+z)^3(xy+yz+zx)^{10}+15(xy+yz+zx)^{10}(xyz)-15(x+y+z)(xy+yz+zx)^{11}
\end{aligned}$$

$$\begin{aligned}
s(20, 3, 0) = & +3(x+y+z)^{17}(xyz)^2+50(x+y+z)^{14}(xyz)^3+292(x+y+z)^{11}(xyz)^4+702(x+y+z)^8(xyz)^5+616(x+y+z)^5(xyz)^6+118(x+y+z)^2(xyz)^7-3(x+y+z)^{18}(xy+yz+zx)(xyz)-102(x+y+z)^{15}(xy+yz+zx)(xyz)^2-955(x+y+z)^{12}(xy+yz+zx)(xyz)^3-3430(x+y+z)^9(xy+yz+zx)(xyz)^4-4606(x+y+z)^6(xy+yz+zx)(xyz)^5-1658(x+y+z)^3(xy+yz+zx)(xyz)^6-37(xy+yz+zx)(xyz)^7+51(x+y+z)^{16}(xy+yz+zx)^2(xyz)+1020(x+y+z)^{13}(xy+yz+zx)^2(xyz)^2+6094(x+y+z)^{10}(xy+yz+zx)^2(xyz)^3+12960(x+y+z)^7(xy+yz+zx)^2(xyz)^4+8190(x+y+z)^4(xy+yz+zx)^2(xyz)^5+676(x+y+z)(xy+yz+zx)^2(xyz)^6+(x+y+z)^{17}(xy+yz+zx)^3-340(x+y+z)^{14}(xy+yz+zx)^3(xyz)-4590(x+y+z)^{11}(xy+yz+zx)^3(xyz)^2-17130(x+y+z)^8(xy+yz+zx)^3(xyz)^3-18970(x+y+z)^5(xy+yz+zx)^3(xyz)^4-3864(x+y+z)^2(xy+yz+zx)^3(xyz)^5-17(x+y+z)^{15}(xy+yz+zx)^4+1105(x+y+z)^{12}(xy+yz+zx)^4(xyz)+10285(x+y+z)^9(xy+yz+zx)^4(xyz)^2+21840(x+y+z)^6(xy+yz+zx)^4(xyz)^3+9625(x+y+z)^3(xy+yz+zx)^4(xyz)^4+203(xy+yz+zx)^4(xyz)^5+119(x+y+z)^{13}(xy+yz+zx)^5-1683(x+y+z)^{10}(xy+yz+zx)^5(xyz)-11016(x+y+z)^7(xy+yz+zx)^5(xyz)^2-10990(x+y+z)^4(xy+yz+zx)^5(xyz)^3-987(x+y+z)(xy+yz+zx)^5(xyz)^4-442(x+y+z)^{11}(xy+yz+zx)^6+561(x+y+z)^8(xy+yz+zx)^6(xyz)+4284(x+y+z)^5(xy+yz+zx)^6(xyz)^2+1260(x+y+z)^2(xy+yz+zx)^6(xyz)^3+935(x+y+z)^9(xy+yz+zx)^7+1428(x+y+z)^6(xy+yz+zx)^7(xyz)+340(x+y+z)^3(xy+yz+zx)^7(xyz)^2+
\end{aligned}$$

$$36(xy + yz + zx)^7(xyz)^3 - 1122(x + y + z)^7(xy + yz + zx)^8 - 1530(x + y + z)^4(xy + yz + zx)^8(xyz) - 255(x + y + z)(xy + yz + zx)^8(xyz)^2 + 714(x + y + z)^5(xy + yz + zx)^9 + 425(x + y + z)^2(xy + yz + zx)^9(xyz) - 204(x + y + z)^3(xy + yz + zx)^{10} - 17(xy + yz + zx)^{10}(xyz) + 17(x + y + z)(xy + yz + zx)^{11}$$

$$\begin{aligned} s(21, 2, 0) = & -2(x + y + z)^{20}(xyz) - 39(x + y + z)^{17}(xyz)^2 - 283(x + y + z)^{14}(xyz)^3 - 938(x + y + z)^{11}(xyz)^4 - 1395(x + y + z)^8(xyz)^5 - 770(x + y + z)^5(xyz)^6 - 89(x + y + z)^2(xyz)^7 + 38(x + y + z)^{18}(xy + yz + zx)(xyz) + 587(x + y + z)^{15}(xy + yz + zx)(xyz)^2 + 3185(x + y + z)^{12}(xy + yz + zx)(xyz)^3 + 7205(x + y + z)^9(xy + yz + zx)(xyz)^4 + 6216(x + y + z)^6(xy + yz + zx)(xyz)^5 + 1393(x + y + z)^3(xy + yz + zx)(xyz)^6 + 17(xy + yz + zx)(xyz)^7 + (x + y + z)^{19}(xy + yz + zx)^2 - 285(x + y + z)^{16}(xy + yz + zx)^2(xyz) - 3444(x + y + z)^{13}(xy + yz + zx)^2(xyz)^2 - 13244(x + y + z)^{10}(xy + yz + zx)^2(xyz)^3 - 18450(x + y + z)^7(xy + yz + zx)^2(xyz)^4 - 7434(x + y + z)^4(xy + yz + zx)^2(xyz)^5 - 350(x + y + z)(xy + yz + zx)^2(xyz)^6 - 19(x + y + z)^{17}(xy + yz + zx)^3 + 1045(x + y + z)^{14}(xy + yz + zx)^3(xyz) + 9828(x + y + z)^{11}(xy + yz + zx)^3(xyz)^2 + 24750(x + y + z)^8(xy + yz + zx)^3(xyz)^3 + 17850(x + y + z)^5(xy + yz + zx)^3(xyz)^4 + 2121(x + y + z)^2(xy + yz + zx)^3(xyz)^5 + 152(x + y + z)^{15}(xy + yz + zx)^4 - 1729(x + y + z)^{12}(xy + yz + zx)^4(xyz) - 13475(x + y + z)^9(xy + yz + zx)^4(xyz)^2 - 19530(x + y + z)^6(xy + yz + zx)^4(xyz)^3 - 5040(x + y + z)^3(xy + yz + zx)^4(xyz)^4 - 28(xy + yz + zx)^4(xyz)^5 - 665(x + y + z)^{13}(xy + yz + zx)^5 + 6138(x + y + z)^7(xy + yz + zx)^5(xyz)^2 + 3738(x + y + z)^4(xy + yz + zx)^5(xyz)^3 - 42(x + y + z)(xy + yz + zx)^5(xyz)^4 + 1729(x + y + z)^{11}(xy + yz + zx)^6 + 4389(x + y + z)^8(xy + yz + zx)^6(xyz) + 3276(x + y + z)^5(xy + yz + zx)^6(xyz)^2 + 1120(x + y + z)^2(xy + yz + zx)^6(xyz)^3 - 2717(x + y + z)^9(xy + yz + zx)^7 - 6270(x + y + z)^6(xy + yz + zx)^7(xyz) - 3216(x + y + z)^3(xy + yz + zx)^7(xyz)^2 - 116(xy + yz + zx)^7(xyz)^3 + 2508(x + y + z)^7(xy + yz + zx)^8 + 3420(x + y + z)^4(xy + yz + zx)^8(xyz) + 477(x + y + z)(xy + yz + zx)^8(xyz)^2 - 1254(x + y + z)^5(xy + yz + zx)^9 - 646(x + y + z)^2(xy + yz + zx)^9(xyz) + 285(x + y + z)^3(xy + yz + zx)^{10} + 19(xy + yz + zx)^{10}(xyz) - 19(x + y + z)(xy + yz + zx)^{11} \end{aligned}$$

$$\begin{aligned} s(22, 1, 0) = & -(x + y + z)^{20}(xyz) - 20(x + y + z)^{17}(xyz)^2 - 150(x + y + z)^{14}(xyz)^3 - 520(x + y + z)^{11}(xyz)^4 - 825(x + y + z)^8(xyz)^5 - 504(x + y + z)^5(xyz)^6 - 70(x + y + z)^2(xyz)^7 + (x + y + z)^{21}(xy + yz + zx) + 41(x + y + z)^{18}(xy + yz + zx)(xyz) + 488(x + y + z)^{15}(xy + yz + zx)(xyz)^2 + 2457(x + y + z)^{12}(xy + yz + zx)(xyz)^3 + 5555(x + y + z)^9(xy + yz + zx)(xyz)^4 + 5082(x + y + z)^6(xy + yz + zx)(xyz)^5 + 1316(x + y + z)^3(xy + yz + zx)(xyz)^6 + \end{aligned}$$

$$\begin{aligned}
& 23(xy + yz + zx)(xyz)^7 - 21(x + y + z)^{19}(xy + yz + zx)^2 - 527(x + y + z)^{16}(xy + yz + zx)^2(xyz) - 4305(x + y + z)^{13}(xy + yz + zx)^2(xyz)^2 - \\
& 14586(x + y + z)^{10}(xy + yz + zx)^2(xyz)^3 - 20130(x + y + z)^7(xy + yz + zx)^2(xyz)^4 - 8946(x + y + z)^4(xy + yz + zx)^2(xyz)^5 - 567(x + y + z)(xy + \\
& yz + zx)^2(xyz)^6 + 189(x + y + z)^{17}(xy + yz + zx)^3 + 3320(x + y + z)^{14}(xy + yz + zx)^3(xyz) + 18746(x + y + z)^{11}(xy + yz + zx)^3(xyz)^2 + 40590(x + y + \\
& z)^8(xy + yz + zx)^3(xyz)^3 + 30030(x + y + z)^5(xy + yz + zx)^3(xyz)^4 + 4564(x + y + z)^2(xy + yz + zx)^3(xyz)^5 - 952(x + y + z)^{15}(xy + yz + zx)^4 - 11830(x + y + \\
& z)^{12}(xy + yz + zx)^4(xyz) - 44330(x + y + z)^9(xy + yz + zx)^4(xyz)^2 - 55440(x + y + z)^6(xy + yz + zx)^4(xyz)^3 - 17220(x + y + z)^3(xy + yz + \\
& zx)^4(xyz)^4 - 322(xy + yz + zx)^4(xyz)^5 + 2940(x + y + z)^{13}(xy + yz + zx)^5 + 25025(x + y + z)^{10}(xy + yz + zx)^5(xyz) + 57420(x + y + z)^7(xy + yz + \\
& zx)^5(xyz)^2 + 34650(x + y + z)^4(xy + yz + zx)^5(xyz)^3 + 2590(x + y + z)(xy + yz + zx)^5(xyz)^4 - 5733(x + y + z)^{11}(xy + yz + zx)^6 - 31317(x + y + z)^8(xy + \\
& yz + zx)^6(xyz) - 38346(x + y + z)^5(xy + yz + zx)^6(xyz)^2 - 7812(x + y + z)^2(xy + yz + zx)^6(xyz)^3 + 7007(x + y + z)^9(xy + yz + zx)^7 + 22044(x + y + \\
& z)^6(xy + yz + zx)^7(xyz) + 11220(x + y + z)^3(xy + yz + zx)^7(xyz)^2 + 276(xy + yz + zx)^7(xyz)^3 - 5148(x + y + z)^7(xy + yz + zx)^8 - 7755(x + y + \\
& z)^4(xy + yz + zx)^8(xyz) - 936(x + y + z)(xy + yz + zx)^8(xyz)^2 + 2079(x + y + z)^5(xy + yz + zx)^9 + 1045(x + y + z)^2(xy + yz + zx)^9(xyz) - 385(x + y + \\
& z)^3(xy + yz + zx)^{10} - 23(xy + yz + zx)^{10}(xyz) + 21(x + y + z)(xy + yz + zx)^{11}
\end{aligned}$$

$$\begin{aligned}
& s(23, 0, 0) = +(x+y+z)^{23} + 23(x+y+z)^{20}(xyz) + 207(x+y+z)^{17}(xyz)^2 + \\
& 920(x+y+z)^{14}(xyz)^3 + 2093(x+y+z)^{11}(xyz)^4 + 2277(x+y+z)^8(xyz)^5 + \\
& 966(x+y+z)^5(xyz)^6 + 92(x+y+z)^2(xyz)^7 - 23(x+y+z)^{21}(xy + yz + \\
& zx) - 437(x+y+z)^{18}(xy + yz + zx)(xyz) - 3128(x+y+z)^{15}(xy + yz + \\
& zx)(xyz)^2 - 10465(x+y+z)^{12}(xy + yz + zx)(xyz)^3 - 16445(x+y+z)^9(xy + \\
& yz + zx)(xyz)^4 - 10626(x+y+z)^6(xy + yz + zx)(xyz)^5 - 1932(x+y+z)^3(xy + \\
& yz + zx)(xyz)^6 - 23(xy + yz + zx)(xyz)^7 + 230(x+y+z)^{19}(xy + \\
& yz + zx)^2 + 3519(x+y+z)^{16}(xy + yz + zx)^2(xyz) + 19320(x+y+z)^{13}(xy + \\
& yz + zx)^2(xyz)^2 + 46046(x+y+z)^{10}(xy + yz + zx)^2(xyz)^3 + 45540(x+y+z)^7(xy + \\
& yz + zx)^2(xyz)^4 + 14490(x+y+z)^4(xy + yz + zx)^2(xyz)^5 + 644(x+y+z)(xy + \\
& yz + zx)^2(xyz)^6 - 1311(x+y+z)^{17}(xy + yz + zx)^3 - 15640(x+y+z)^{14}(xy + \\
& yz + zx)^3(xyz) - 62790(x+y+z)^{11}(xy + yz + zx)^3(xyz)^2 - \\
& 98670(x+y+z)^8(xy + yz + zx)^3(xyz)^3 - 53130(x+y+z)^5(xy + yz + \\
& zx)^3(xyz)^4 - 5796(x+y+z)^2(xy + yz + zx)^3(xyz)^5 + 4692(x+y+z)^{15}(xy +
\end{aligned}$$

$$\begin{aligned}
&yz+zx)^4+41860(x+y+z)^{12}(xy+yz+zx)^4(xyz)+115115(x+y+z)^9(xy+ \\
&yz+zx)^4(xyz)^2+106260(x+y+z)^6(xy+yz+zx)^4(xyz)^3+24150(x+y+ \\
&z)^3(xy+yz+zx)^4(xyz)^4+322(xy+yz+zx)^4(xyz)^5-10948(x+y+z)^{13}(xy+ \\
&yz+zx)^5-69069(x+y+z)^{10}(xy+yz+zx)^5(xyz)-118404(x+y+z)^7(xy+ \\
&yz+zx)^5(xyz)^2-53130(x+y+z)^4(xy+yz+zx)^5(xyz)^3-2898(x+y+ \\
&z)(xy+yz+zx)^5(xyz)^4+16744(x+y+z)^{11}(xy+yz+zx)^6+69069(x+y+ \\
&z)^8(xy+yz+zx)^6(xyz)+63756(x+y+z)^5(xy+yz+zx)^6(xyz)^2+9660(x+ \\
&y+z)^2(xy+yz+zx)^6(xyz)^3-16445(x+y+z)^9(xy+yz+zx)^7-39468(x+ \\
&y+z)^6(xy+yz+zx)^7(xyz)-15180(x+y+z)^3(xy+yz+zx)^7(xyz)^2- \\
&276(xy+yz+zx)^7(xyz)^3+9867(x+y+z)^7(xy+yz+zx)^8+11385(x+y+ \\
&z)^4(xy+yz+zx)^8(xyz)+1035(x+y+z)(xy+yz+zx)^8(xyz)^2-3289(x+ \\
&y+z)^5(xy+yz+zx)^9-1265(x+y+z)^2(xy+yz+zx)^9(xyz)+506(x+y+ \\
&z)^3(xy+yz+zx)^{10}+23(xy+yz+zx)^{10}(xyz)-23(x+y+z)(xy+yz+zx)^{11}
\end{aligned}$$

$$\begin{aligned}
&s(12, 12, 0) = +2(x+y+z)^6(xyz)^6-24(x+y+z)^3(xyz)^7+3(xyz)^8+ \\
&60(x+y+z)^4(xy+yz+zx)(xyz)^6-48(x+y+z)(xy+yz+zx)(xyz)^7- \\
&36(x+y+z)^5(xy+yz+zx)^2(xyz)^5+180(x+y+z)^2(xy+yz+zx)^2(xyz)^6- \\
&240(x+y+z)^3(xy+yz+zx)^3(xyz)^5+40(xy+yz+zx)^3(xyz)^6+105(x+ \\
&y+z)^4(xy+yz+zx)^4(xyz)^4-180(x+y+z)(xy+yz+zx)^4(xyz)^5+252(x+ \\
&y+z)^2(xy+yz+zx)^5(xyz)^4-112(x+y+z)^3(xy+yz+zx)^6(xyz)^3+ \\
&42(xy+yz+zx)^6(xyz)^4-96(x+y+z)(xy+yz+zx)^7(xyz)^3+54(x+y+ \\
&z)^2(xy+yz+zx)^8(xyz)^2+12(xy+yz+zx)^9(xyz)^2-12(x+y+z)(xy+ \\
&yz+zx)^{10}(xyz)+(xy+yz+zx)^{12}
\end{aligned}$$

$$\begin{aligned}
&s(13, 11, 0) = +11(x+y+z)^6(xyz)^6-2(x+y+z)^3(xyz)^7-3(xyz)^8- \\
&11(x+y+z)^7(xy+yz+zx)(xyz)^5+35(x+y+z)^4(xy+yz+zx)(xyz)^6+49(x+ \\
&y+z)(xy+yz+zx)(xyz)^7-88(x+y+z)^5(xy+yz+zx)^2(xyz)^5-164(x+y+ \\
&z)^2(xy+yz+zx)^2(xyz)^6+55(x+y+z)^6(xy+yz+zx)^3(xyz)^4+140(x+y+ \\
&z)^3(xy+yz+zx)^3(xyz)^5-62(xy+yz+zx)^3(xyz)^6+55(x+y+z)^4(xy+yz+ \\
&zx)^4(xyz)^4+265(x+y+z)(xy+yz+zx)^4(xyz)^5-77(x+y+z)^5(xy+yz+ \\
&zx)^5(xyz)^3-324(x+y+z)^2(xy+yz+zx)^5(xyz)^4+77(x+y+z)^3(xy+yz+ \\
&zx)^6(xyz)^3-75(xy+yz+zx)^6(xyz)^4+44(x+y+z)^4(xy+yz+zx)^7(xyz)^2+ \\
&163(x+y+z)(xy+yz+zx)^7(xyz)^3-77(x+y+z)^2(xy+yz+zx)^8(xyz)^2- \\
&11(x+y+z)^3(xy+yz+zx)^9(xyz)-23(xy+yz+zx)^9(xyz)^2+22(x+y+ \\
&z)(xy+yz+zx)^{10}(xyz)+(x+y+z)^2(xy+yz+zx)^{11}-2(xy+yz+zx)^{12}
\end{aligned}$$

$$s(14, 10, 0) = -2(x+y+z)^9(xyz)^5+7(x+y+z)^6(xyz)^6+62(x+y+$$

$$\begin{aligned}
& z)^3(xyz)^7 - 3(xyz)^8 - 32(x+y+z)^7(xy+yz+zx)(xyz)^5 - 210(x+y+z)^4(xy+yz+zx)(xyz)^6 + 52(x+y+z)(xy+yz+zx)(xyz)^7 + 25(x+y+z)^8(xy+yz+zx)^2(xyz)^4 + 196(x+y+z)^5(xy+yz+zx)^2(xyz)^5 - 259(x+y+z)^2(xy+yz+zx)^2(xyz)^6 + 560(x+y+z)^3(xy+yz+zx)^3(xyz)^5 + 14(xy+yz+zx)^3(xyz)^6 - 50(x+y+z)^7(xy+yz+zx)^4(xyz)^3 - 525(x+y+z)^4(xy+yz+zx)^4(xyz)^4 - 14(x+y+z)(xy+yz+zx)^4(xyz)^5 + 140(x+y+z)^5(xy+yz+zx)^5(xyz)^3 - 140(x+y+z)^2(xy+yz+zx)^5(xyz)^4 + 35(x+y+z)^6(xy+yz+zx)^6(xyz)^2 + 280(x+y+z)^3(xy+yz+zx)^6(xyz)^3 + 49(xy+yz+zx)^6(xyz)^4 - 130(x+y+z)^4(xy+yz+zx)^7(xyz)^2 - 80(x+y+z)(xy+yz+zx)^7(xyz)^3 - 10(x+y+z)^5(xy+yz+zx)^8(xyz) - 10(x+y+z)^2(xy+yz+zx)^8(xyz)^2 + 40(x+y+z)^3(xy+yz+zx)^9(xyz) + 20(xy+yz+zx)^9(xyz)^2 + (x+y+z)^4(xy+yz+zx)^{10} - 16(x+y+z)(xy+yz+zx)^{10}(xyz) - 4(x+y+z)^2(xy+yz+zx)^{11} + 2(xy+yz+zx)^{12}
\end{aligned}$$

$$\begin{aligned}
s(15, 9, 0) = & -9(x+y+z)^9(xyz)^5 - 51(x+y+z)^6(xyz)^6 - 9(x+y+z)^3(xyz)^7 + 6(xyz)^8 + 9(x+y+z)^{10}(xy+yz+zx)(xyz)^4 + 81(x+y+z)^7(xy+yz+zx)(xyz)^5 - 45(x+y+z)^4(xy+yz+zx)(xyz)^6 - 114(x+y+z)(xy+yz+zx)(xyz)^7 + 297(x+y+z)^5(xy+yz+zx)^2(xyz)^5 + 513(x+y+z)^2(xy+yz+zx)^2(xyz)^6 - 30(x+y+z)^9(xy+yz+zx)^3(xyz)^3 - 405(x+y+z)^6(xy+yz+zx)^3(xyz)^4 - 855(x+y+z)^3(xy+yz+zx)^3(xyz)^5 + 47(xy+yz+zx)^3(xyz)^6 + 135(x+y+z)^7(xy+yz+zx)^4(xyz)^3 + 450(x+y+z)^4(xy+yz+zx)^4(xyz)^4 - 297(x+y+z)(xy+yz+zx)^4(xyz)^5 + 27(x+y+z)^8(xy+yz+zx)^5(xyz)^2 + 162(x+y+z)^5(xy+yz+zx)^5(xyz)^3 + 675(x+y+z)^2(xy+yz+zx)^5(xyz)^4 - 153(x+y+z)^6(xy+yz+zx)^6(xyz)^2 - 615(x+y+z)^3(xy+yz+zx)^6(xyz)^3 - 9(xy+yz+zx)^6(xyz)^4 - 9(x+y+z)^7(xy+yz+zx)^7(xyz) + 135(x+y+z)^4(xy+yz+zx)^7(xyz)^2 - 45(x+y+z)(xy+yz+zx)^7(xyz)^3 + 54(x+y+z)^5(xy+yz+zx)^8(xyz) + 135(x+y+z)^2(xy+yz+zx)^8(xyz)^2 + (x+y+z)^6(xy+yz+zx)^9 - 75(x+y+z)^3(xy+yz+zx)^9(xyz) - 15(xy+yz+zx)^9(xyz)^2 - 6(x+y+z)^4(xy+yz+zx)^{10} + 6(x+y+z)(xy+yz+zx)^{10}(xyz) + 9(x+y+z)^2(xy+yz+zx)^{11} - 2(xy+yz+zx)^{12}
\end{aligned}$$

$$\begin{aligned}
s(16, 8, 0) = & +2(x+y+z)^{12}(xyz)^4 + 8(x+y+z)^9(xyz)^5 - 40(x+y+z)^6(xyz)^6 - 96(x+y+z)^3(xyz)^7 - 3(xyz)^8 + 8(x+y+z)^{10}(xy+yz+zx)(xyz)^4 + 192(x+y+z)^7(xy+yz+zx)(xyz)^5 + 528(x+y+z)^4(xy+yz+zx)(xyz)^6 + 64(x+y+z)(xy+yz+zx)(xyz)^7 - 16(x+y+z)^{11}(xy+yz+zx)^2(xyz)^3 - 268(x+y+z)^8(xy+yz+zx)^2(xyz)^4 - 976(x+y+z)^5(xy+yz+zx)^2(xyz)^5 - 240(x+y+z)^2(xy+yz+zx)^2(xyz)^6 + 96(x+y+z)^9(xy+
\end{aligned}$$

$$\begin{aligned}
& yz + zx)^3(xyz)^3 + 608(x + y + z)^6(xy + yz + zx)^3(xyz)^4 + 64(x + y + z)^3(xy + \\
& yz + zx)^3(xyz)^5 - 96(xy + yz + zx)^3(xyz)^6 + 20(x + y + z)^{10}(xy + yz + \\
& zx)^4(xyz)^2 + 96(x + y + z)^7(xy + yz + zx)^4(xyz)^3 + 740(x + y + z)^4(xy + yz + \\
& zx)^4(xyz)^4 + 528(x + y + z)(xy + yz + zx)^4(xyz)^5 - 152(x + y + z)^8(xy + \\
& yz + zx)^5(xyz)^2 - 960(x + y + z)^5(xy + yz + zx)^5(xyz)^3 - 976(x + y + \\
& z)^2(xy + yz + zx)^5(xyz)^4 - 8(x + y + z)^9(xy + yz + zx)^6(xyz) + 272(x + y + \\
& z)^6(xy + yz + zx)^6(xyz)^2 + 608(x + y + z)^3(xy + yz + zx)^6(xyz)^3 - 40(xy + \\
& yz + zx)^6(xyz)^4 + 64(x + y + z)^7(xy + yz + zx)^7(xyz) + 96(x + y + z)^4(xy + \\
& yz + zx)^7(xyz)^2 + 192(x + y + z)(xy + yz + zx)^7(xyz)^3 + (x + y + z)^8(xy + \\
& yz + zx)^8 - 152(x + y + z)^5(xy + yz + zx)^8(xyz) - 268(x + y + z)^2(xy + \\
& yz + zx)^8(xyz)^2 - 8(x + y + z)^6(xy + yz + zx)^9 + 96(x + y + z)^3(xy + yz + \\
& zx)^9(xyz) + 8(xy + yz + zx)^9(xyz)^2 + 20(x + y + z)^4(xy + yz + zx)^{10} + 8(x + \\
& y + z)(xy + yz + zx)^{10}(xyz) - 16(x + y + z)^2(xy + yz + zx)^{11} + 2(xy + yz + zx)^{12}
\end{aligned}$$

$$\begin{aligned}
s(17, 7, 0) = & +7(x + y + z)^{12}(xyz)^4 + 70(x + y + z)^9(xyz)^5 + 175(x + \\
& y + z)^6(xyz)^6 + 69(x + y + z)^3(xyz)^7 - 3(xyz)^8 - 7(x + y + z)^{13}(xy + yz + \\
& zx)(xyz)^3 - 133(x + y + z)^{10}(xy + yz + zx)(xyz)^4 - 525(x + y + z)^7(xy + yz + \\
& zx)(xyz)^5 - 315(x + y + z)^4(xy + yz + zx)(xyz)^6 + 73(x + y + z)(xy + yz + \\
& zx)(xyz)^7 + 49(x + y + z)^{11}(xy + yz + zx)^2(xyz)^3 + 385(x + y + z)^8(xy + yz + \\
& zx)^2(xyz)^4 + 175(x + y + z)^5(xy + yz + zx)^2(xyz)^5 - 525(x + y + z)^2(xy + \\
& yz + zx)^2(xyz)^6 + 14(x + y + z)^{12}(xy + yz + zx)^3(xyz)^2 + 105(x + y + z)^9(xy + \\
& yz + zx)^3(xyz)^3 + 805(x + y + z)^6(xy + yz + zx)^3(xyz)^4 + 1715(x + y + \\
& z)^3(xy + yz + zx)^3(xyz)^5 + 105(xy + yz + zx)^3(xyz)^6 - 133(x + y + z)^{10}(xy + \\
& yz + zx)^4(xyz)^2 - 1155(x + y + z)^7(xy + yz + zx)^4(xyz)^3 - 2660(x + y + \\
& z)^4(xy + yz + zx)^4(xyz)^4 - 525(x + y + z)(xy + yz + zx)^4(xyz)^5 - 7(x + y + \\
& z)^{11}(xy + yz + zx)^5(xyz) + 350(x + y + z)^8(xy + yz + zx)^5(xyz)^2 + 1680(x + \\
& y + z)^5(xy + yz + zx)^5(xyz)^3 + 721(x + y + z)^2(xy + yz + zx)^5(xyz)^4 + 70(x + \\
& y + z)^9(xy + yz + zx)^6(xyz) - 35(x + y + z)^6(xy + yz + zx)^6(xyz)^2 + 49(x + \\
& y + z)^3(xy + yz + zx)^6(xyz)^3 + 91(xy + yz + zx)^6(xyz)^4 + (x + y + z)^{10}(xy + \\
& yz + zx)^7 - 235(x + y + z)^7(xy + yz + zx)^7(xyz) - 675(x + y + z)^4(xy + yz + \\
& zx)^7(xyz)^2 - 333(x + y + z)(xy + yz + zx)^7(xyz)^3 - 10(x + y + z)^8(xy + \\
& yz + zx)^8 + 290(x + y + z)^5(xy + yz + zx)^8(xyz) + 367(x + y + z)^2(xy + \\
& yz + zx)^8(xyz)^2 + 35(x + y + z)^6(xy + yz + zx)^9 - 75(x + y + z)^3(xy + yz + \\
& zx)^9(xyz) + (xy + yz + zx)^9(xyz)^2 - 50(x + y + z)^4(xy + yz + zx)^{10} - 26(x + \\
& y + z)(xy + yz + zx)^{10}(xyz) + 25(x + y + z)^2(xy + yz + zx)^{11} - 2(xy + yz + zx)^{12}
\end{aligned}$$

$$s(18, 6, 0) = -2(x + y + z)^{15}(xyz)^3 - 21(x + y + z)^{12}(xyz)^4 - 48(x + y +$$

$$\begin{aligned}
& z)^9(xyz)^5 + 45(x+y+z)^6(xyz)^6 + 108(x+y+z)^3(xyz)^7 + 6(xyz)^8 + 12(x+y+z)^{13}(xy+yz+zx)(xyz)^3 + 12(x+y+z)^{10}(xy+yz+zx)(xyz)^4 - 432(x+y+z)^7(xy+yz+zx)(xyz)^5 - 918(x+y+z)^4(xy+yz+zx)(xyz)^6 - 168(x+y+z)(xy+yz+zx)(xyz)^7 + 9(x+y+z)^{14}(xy+yz+zx)^2(xyz)^2 + 144(x+y+z)^{11}(xy+yz+zx)^2(xyz)^3 + 1188(x+y+z)^8(xy+yz+zx)^2(xyz)^4 + 2916(x+y+z)^5(xy+yz+zx)^2(xyz)^5 + 1134(x+y+z)^2(xy+yz+zx)^2(xyz)^6 - 102(x+y+z)^{12}(xy+yz+zx)^3(xyz)^2 - 1216(x+y+z)^9(xy+yz+zx)^3(xyz)^3 - 4248(x+y+z)^6(xy+yz+zx)^3(xyz)^4 - 3024(x+y+z)^3(xy+yz+zx)^3(xyz)^5 - 52(xy+yz+zx)^3(xyz)^6 - 6(x+y+z)^{13}(xy+yz+zx)^4(xyz) + 342(x+y+z)^{10}(xy+yz+zx)^4(xyz)^2 + 2574(x+y+z)^7(xy+yz+zx)^4(xyz)^3 + 3375(x+y+z)^4(xy+yz+zx)^4(xyz)^4 + 162(x+y+z)(xy+yz+zx)^4(xyz)^5 + 72(x+y+z)^{11}(xy+yz+zx)^5(xyz) - 108(x+y+z)^8(xy+yz+zx)^5(xyz)^2 - 756(x+y+z)^5(xy+yz+zx)^5(xyz)^3 + 324(x+y+z)^2(xy+yz+zx)^5(xyz)^4 + (x+y+z)^{12}(xy+yz+zx)^6 - 312(x+y+z)^9(xy+yz+zx)^6(xyz) - 1197(x+y+z)^6(xy+yz+zx)^6(xyz)^2 - 1512(x+y+z)^3(xy+yz+zx)^6(xyz)^3 - 135(xy+yz+zx)^6(xyz)^4 - 12(x+y+z)^{10}(xy+yz+zx)^7 + 576(x+y+z)^7(xy+yz+zx)^7(xyz) + 1566(x+y+z)^4(xy+yz+zx)^7(xyz)^2 + 432(x+y+z)(xy+yz+zx)^7(xyz)^3 + 54(x+y+z)^8(xy+yz+zx)^8 - 378(x+y+z)^5(xy+yz+zx)^8(xyz) - 378(x+y+z)^2(xy+yz+zx)^8(xyz)^2 - 112(x+y+z)^6(xy+yz+zx)^9 - 24(x+y+z)^3(xy+yz+zx)^9(xyz) - 12(xy+yz+zx)^9(xyz)^2 + 105(x+y+z)^4(xy+yz+zx)^{10} + 48(x+y+z)(xy+yz+zx)^{10}(xyz) - 36(x+y+z)^2(xy+yz+zx)^{11} + 2(xy+yz+zx)^{12}
\end{aligned}$$

$$\begin{aligned}
s(19, 5, 0) = & -5(x+y+z)^{15}(xyz)^3 - 70(x+y+z)^{12}(xyz)^4 - 316(x+y+z)^9(xyz)^5 - 499(x+y+z)^6(xyz)^6 - 193(x+y+z)^3(xyz)^7 - 3(xyz)^8 + 5(x+y+z)^{16}(xy+yz+zx)(xyz)^2 + 140(x+y+z)^{13}(xy+yz+zx)(xyz)^3 + 1015(x+y+z)^{10}(xy+yz+zx)(xyz)^4 + 2459(x+y+z)^7(xy+yz+zx)(xyz)^5 + 1620(x+y+z)^4(xy+yz+zx)(xyz)^6 + 97(x+y+z)(xy+yz+zx)(xyz)^7 - 65(x+y+z)^{14}(xy+yz+zx)^2(xyz)^2 - 1015(x+y+z)^{11}(xy+yz+zx)^2(xyz)^3 - 4165(x+y+z)^8(xy+yz+zx)^2(xyz)^4 - 4612(x+y+z)^5(xy+yz+zx)^2(xyz)^5 - 649(x+y+z)^2(xy+yz+zx)^2(xyz)^6 - 5(x+y+z)^{15}(xy+yz+zx)^3(xyz) + 245(x+y+z)^{12}(xy+yz+zx)^3(xyz)^2 + 2555(x+y+z)^9(xy+yz+zx)^3(xyz)^3 + 5145(x+y+z)^6(xy+yz+zx)^3(xyz)^4 + 1255(x+y+z)^3(xy+yz+zx)^3(xyz)^5 - 61(xy+yz+zx)^3(xyz)^6 + 70(x+y+z)^{13}(xy+yz+zx)^4(xyz) + 35(x+y+z)^{10}(xy+yz+zx)^4(xyz)^2 - 910(x+y+z)^7(xy+yz+zx)^4(xyz)^3 + 525(x+y+z)^4(xy+yz+zx)^4(xyz)^4 + 586(x+y+z)(xy+yz+zx)^4(xyz)^5 + (x+y+z)^{14}(xy+
\end{aligned}$$

$$\begin{aligned}
& yz + zx)^5 - 371(x + y + z)^{11}(xy + yz + zx)^5(xyz) - 2037(x + y + z)^8(xy + yz + \\
& zx)^5(xyz)^2 - 4067(x + y + z)^5(xy + yz + zx)^5(xyz)^3 - 2170(x + y + z)^2(xy + \\
& yz + zx)^5(xyz)^4 - 14(x + y + z)^{12}(xy + yz + zx)^6 + 910(x + y + z)^9(xy + yz + \\
& zx)^6(xyz) + 4018(x + y + z)^6(xy + yz + zx)^6(xyz)^2 + 3605(x + y + z)^3(xy + \\
& yz + zx)^6(xyz)^3 + 161(xy + yz + zx)^6(xyz)^4 + 77(x + y + z)^{10}(xy + yz + zx)^7 - \\
& 966(x + y + z)^7(xy + yz + zx)^7(xyz) - 2450(x + y + z)^4(xy + yz + zx)^7(xyz)^2 - \\
& 445(x + y + z)(xy + yz + zx)^7(xyz)^3 - 210(x + y + z)^8(xy + yz + zx)^8 + \\
& 196(x + y + z)^5(xy + yz + zx)^8(xyz) + 235(x + y + z)^2(xy + yz + zx)^8(xyz)^2 + \\
& 294(x + y + z)^6(xy + yz + zx)^9 + 245(x + y + z)^3(xy + yz + zx)^9(xyz) + \\
& 25(xy + yz + zx)^9(xyz)^2 - 196(x + y + z)^4(xy + yz + zx)^{10} - 74(x + y + \\
& z)(xy + yz + zx)^{10}(xyz) + 49(x + y + z)^2(xy + yz + zx)^{11} - 2(xy + yz + zx)^{12}
\end{aligned}$$

$$\begin{aligned}
& s(20, 4, 0) = +2(x + y + z)^{18}(xyz)^2 + 32(x + y + z)^{15}(xyz)^3 + 175(x + \\
& y + z)^{12}(xyz)^4 + 372(x + y + z)^9(xyz)^5 + 238(x + y + z)^6(xyz)^6 - 8(x + y + \\
& z)^3(xyz)^7 - 3(xyz)^8 - 28(x + y + z)^{16}(xy + yz + zx)(xyz)^2 - 320(x + y + \\
& z)^{13}(xy + yz + zx)(xyz)^3 - 1076(x + y + z)^{10}(xy + yz + zx)(xyz)^4 - 928(x + \\
& y + z)^7(xy + yz + zx)(xyz)^5 + 260(x + y + z)^4(xy + yz + zx)(xyz)^6 + 112(x + \\
& y + z)(xy + yz + zx)(xyz)^7 - 4(x + y + z)^{17}(xy + yz + zx)^2(xyz) + 80(x + y + \\
& z)^{14}(xy + yz + zx)^2(xyz)^2 + 640(x + y + z)^{11}(xy + yz + zx)^2(xyz)^3 + 330(x + y + \\
& z)^8(xy + yz + zx)^2(xyz)^4 - 2156(x + y + z)^5(xy + yz + zx)^2(xyz)^5 - 1124(x + \\
& y + z)^2(xy + yz + zx)^2(xyz)^6 + 64(x + y + z)^{15}(xy + yz + zx)^3(xyz) + 480(x + y + \\
& z)^{12}(xy + yz + zx)^3(xyz)^2 + 2560(x + y + z)^9(xy + yz + zx)^3(xyz)^3 + 7280(x + \\
& y + z)^6(xy + yz + zx)^3(xyz)^4 + 5040(x + y + z)^3(xy + yz + zx)^3(xyz)^5 + \\
& 184(xy + yz + zx)^3(xyz)^6 + (x + y + z)^{16}(xy + yz + zx)^4 - 400(x + y + z)^{13}(xy + \\
& yz + zx)^4(xyz) - 3520(x + y + z)^{10}(xy + yz + zx)^4(xyz)^2 - 11520(x + y + \\
& z)^7(xy + yz + zx)^4(xyz)^3 - 11725(x + y + z)^4(xy + yz + zx)^4(xyz)^4 - 1484(x + \\
& y + z)(xy + yz + zx)^4(xyz)^5 - 16(x + y + z)^{14}(xy + yz + zx)^5 + 1216(x + y + \\
& z)^{11}(xy + yz + zx)^5(xyz) + 8256(x + y + z)^8(xy + yz + zx)^5(xyz)^2 + 14336(x + \\
& y + z)^5(xy + yz + zx)^5(xyz)^3 + 4340(x + y + z)^2(xy + yz + zx)^5(xyz)^4 + 104(x + \\
& y + z)^{12}(xy + yz + zx)^6 - 1760(x + y + z)^9(xy + yz + zx)^6(xyz) - 8064(x + \\
& y + z)^6(xy + yz + zx)^6(xyz)^2 - 5600(x + y + z)^3(xy + yz + zx)^6(xyz)^3 - \\
& 154(xy + yz + zx)^6(xyz)^4 - 352(x + y + z)^{10}(xy + yz + zx)^7 + 768(x + y + \\
& z)^7(xy + yz + zx)^7(xyz) + 2560(x + y + z)^4(xy + yz + zx)^7(xyz)^2 + 320(x + \\
& y + z)(xy + yz + zx)^7(xyz)^3 + 660(x + y + z)^8(xy + yz + zx)^8 + 672(x + y + \\
& z)^5(xy + yz + zx)^8(xyz) + 140(x + y + z)^2(xy + yz + zx)^8(xyz)^2 - 672(x + \\
& y + z)^6(xy + yz + zx)^9 - 640(x + y + z)^3(xy + yz + zx)^9(xyz) - 40(xy +
\end{aligned}$$

$$yz + zx)^9(xyz)^2 + 336(x + y + z)^4(xy + yz + zx)^{10} + 104(x + y + z)(xy + yz + zx)^{10}(xyz) - 64(x + y + z)^2(xy + yz + zx)^{11} + 2(xy + yz + zx)^{12}$$

$$\begin{aligned} s(21, 3, 0) = & +3(x + y + z)^{18}(xyz)^2 + 53(x + y + z)^{15}(xyz)^3 + 336(x + y + z)^{12}(xyz)^4 + 915(x + y + z)^9(xyz)^5 + 994(x + y + z)^6(xyz)^6 + 303(x + y + z)^3(xyz)^7 + 6(xyz)^8 - 3(x + y + z)^{19}(xy + yz + zx)(xyz) - 108(x + y + z)^{16}(xy + yz + zx)(xyz)^2 - 1092(x + y + z)^{13}(xy + yz + zx)(xyz)^3 - 4389(x + y + z)^{10}(xy + yz + zx)(xyz)^4 - 7074(x + y + z)^7(xy + yz + zx)(xyz)^5 - 3633(x + y + z)^4(xy + yz + zx)(xyz)^6 - 258(x + y + z)(xy + yz + zx)(xyz)^7 + 54(x + y + z)^{17}(xy + yz + zx)^2(xyz) + 1161(x + y + z)^{14}(xy + yz + zx)^2(xyz)^2 + 7686(x + y + z)^{11}(xy + yz + zx)^2(xyz)^3 + 19170(x + y + z)^8(xy + yz + zx)^2(xyz)^4 + 16128(x + y + z)^5(xy + yz + zx)^2(xyz)^5 + 2709(x + y + z)^2(xy + yz + zx)^2(xyz)^6 + (x + y + z)^{18}(xy + yz + zx)^3 - 387(x + y + z)^{15}(xy + yz + zx)^3(xyz) - 5733(x + y + z)^{12}(xy + yz + zx)^3(xyz)^2 - 24640(x + y + z)^9(xy + yz + zx)^3(xyz)^3 - 34650(x + y + z)^6(xy + yz + zx)^3(xyz)^4 - 11739(x + y + z)^3(xy + yz + zx)^3(xyz)^5 - 217(xy + yz + zx)^3(xyz)^6 - 18(x + y + z)^{16}(xy + yz + zx)^4 + 1386(x + y + z)^{13}(xy + yz + zx)^4(xyz) + 14553(x + y + z)^{10}(xy + yz + zx)^4(xyz)^2 + 37890(x + y + z)^7(xy + yz + zx)^4(xyz)^3 + 24780(x + y + z)^4(xy + yz + zx)^4(xyz)^4 + 1827(x + y + z)(xy + yz + zx)^4(xyz)^5 + 135(x + y + z)^{14}(xy + yz + zx)^5 - 2457(x + y + z)^{11}(xy + yz + zx)^5(xyz) - 18711(x + y + z)^8(xy + yz + zx)^5(xyz)^2 - 25704(x + y + z)^5(xy + yz + zx)^5(xyz)^3 - 5166(x + y + z)^2(xy + yz + zx)^5(xyz)^4 - 546(x + y + z)^{12}(xy + yz + zx)^6 + 1386(x + y + z)^9(xy + yz + zx)^6(xyz) + 10206(x + y + z)^6(xy + yz + zx)^6(xyz)^2 + 5572(x + y + z)^3(xy + yz + zx)^6(xyz)^3 + 84(xy + yz + zx)^6(xyz)^4 + 1287(x + y + z)^{10}(xy + yz + zx)^7 + 1782(x + y + z)^7(xy + yz + zx)^7(xyz) - 486(x + y + z)^4(xy + yz + zx)^7(xyz)^2 + 24(x + y + z)(xy + yz + zx)^7(xyz)^3 - 1782(x + y + z)^8(xy + yz + zx)^8 - 2916(x + y + z)^5(xy + yz + zx)^8(xyz) - 837(x + y + z)^2(xy + yz + zx)^8(xyz)^2 + 1386(x + y + z)^6(xy + yz + zx)^9 + 1269(x + y + z)^3(xy + yz + zx)^9(xyz) + 57(xy + yz + zx)^9(xyz)^2 - 540(x + y + z)^4(xy + yz + zx)^{10} - 138(x + y + z)(xy + yz + zx)^{10}(xyz) + 81(x + y + z)^2(xy + yz + zx)^{11} - 2(xy + yz + zx)^{12} \end{aligned}$$

$$\begin{aligned} s(22, 2, 0) = & -2(x + y + z)^{21}(xyz) - 41(x + y + z)^{18}(xyz)^2 - 318(x + y + z)^{15}(xyz)^3 - 1157(x + y + z)^{12}(xyz)^4 - 1980(x + y + z)^9(xyz)^5 - 1386(x + y + z)^6(xyz)^6 - 266(x + y + z)^3(xyz)^7 - 3(xyz)^8 + 40(x + y + z)^{19}(xy + yz + zx)(xyz) + 658(x + y + z)^{16}(xy + yz + zx)(xyz)^2 + 3892(x + y + z)^{13}(xy + yz + zx)(xyz)^3 + 9988(x + y + z)^{10}(xy + yz + zx)(xyz)^4 + 10560(x + y + z)^7(xy + yz + zx)(xyz)^5 + 3500(x + y + z)^4(xy + yz + zx)(xyz)^6 + 148(x + y + \end{aligned}$$

$$\begin{aligned}
& z)(xy+yz+zx)(xyz)^7 + (x+y+z)^{20}(xy+yz+zx)^2 - 320(x+y+z)^{17}(xy+yz+zx)^2(xyz) - 4185(x+y+z)^{14}(xy+yz+zx)^2(xyz)^2 - 18044(x+y+z)^{11}(xy+yz+zx)^2(xyz)^3 - 30030(x+y+z)^8(xy+yz+zx)^2(xyz)^4 - 16632(x+y+z)^5(xy+yz+zx)^2(xyz)^5 - 1715(x+y+z)^2(xy+yz+zx)^2(xyz)^6 - 20(x+y+z)^{18}(xy+yz+zx)^3 + 1280(x+y+z)^{15}(xy+yz+zx)^3(xyz) + 13286(x+y+z)^{12}(xy+yz+zx)^3(xyz)^2 + 39160(x+y+z)^9(xy+yz+zx)^3(xyz)^3 + 36960(x+y+z)^6(xy+yz+zx)^3(xyz)^4 + 7840(x+y+z)^3(xy+yz+zx)^3(xyz)^5 + 70(xy+yz+zx)^3(xyz)^6 + 170(x+y+z)^{16}(xy+yz+zx)^4 - 2450(x+y+z)^{13}(xy+yz+zx)^4(xyz) - 21307(x+y+z)^{10}(xy+yz+zx)^4(xyz)^2 - 38940(x+y+z)^7(xy+yz+zx)^4(xyz)^3 - 16170(x+y+z)^4(xy+yz+zx)^4(xyz)^4 - 560(x+y+z)(xy+yz+zx)^4(xyz)^5 - 800(x+y+z)^{14}(xy+yz+zx)^5 + 728(x+y+z)^{11}(xy+yz+zx)^5(xyz) + 13662(x+y+z)^8(xy+yz+zx)^5(xyz)^2 + 12936(x+y+z)^5(xy+yz+zx)^5(xyz)^3 + 952(x+y+z)^2(xy+yz+zx)^5(xyz)^4 + 2275(x+y+z)^{12}(xy+yz+zx)^6 + 5720(x+y+z)^9(xy+yz+zx)^6(xyz) + 3234(x+y+z)^6(xy+yz+zx)^6(xyz)^2 + 1848(x+y+z)^3(xy+yz+zx)^6(xyz)^3 + 112(xy+yz+zx)^6(xyz)^4 - 4004(x+y+z)^{10}(xy+yz+zx)^7 - 10560(x+y+z)^7(xy+yz+zx)^7(xyz) - 7260(x+y+z)^4(xy+yz+zx)^7(xyz)^2 - 816(x+y+z)(xy+yz+zx)^7(xyz)^3 + 4290(x+y+z)^8(xy+yz+zx)^8 + 7590(x+y+z)^5(xy+yz+zx)^8(xyz) + 2079(x+y+z)^2(xy+yz+zx)^8(xyz)^2 - 2640(x+y+z)^6(xy+yz+zx)^9 - 2200(x+y+z)^3(xy+yz+zx)^9(xyz) - 78(xy+yz+zx)^9(xyz)^2 + 825(x+y+z)^4(xy+yz+zx)^{10} + 176(x+y+z)(xy+yz+zx)^{10}(xyz) - 100(x+y+z)^2(xy+yz+zx)^{11} + 2(xy+yz+zx)^{12}
\end{aligned}$$

$$\begin{aligned}
s(23, 1, 0) = & -(x+y+z)^{21}(xyz) - 21(x+y+z)^{18}(xyz)^2 - 168(x+y+z)^{15}(xyz)^3 - 637(x+y+z)^{12}(xyz)^4 - 1155(x+y+z)^9(xyz)^5 - 882(x+y+z)^6(xyz)^6 - 196(x+y+z)^3(xyz)^7 - 3(xyz)^8 + (x+y+z)^{22}(xy+yz+zx) + 43(x+y+z)^{19}(xy+yz+zx)(xyz) + 544(x+y+z)^{16}(xy+yz+zx)(xyz)^2 + 2975(x+y+z)^{13}(xy+yz+zx)(xyz)^3 + 7579(x+y+z)^{10}(xy+yz+zx)(xyz)^4 + 8382(x+y+z)^7(xy+yz+zx)(xyz)^5 + 3108(x+y+z)^4(xy+yz+zx)(xyz)^6 + 169(x+y+z)(xy+yz+zx)(xyz)^7 - 22(x+y+z)^{20}(xy+yz+zx)^2 - 585(x+y+z)^{17}(xy+yz+zx)^2(xyz) - 5160(x+y+z)^{14}(xy+yz+zx)^2(xyz)^2 - 19474(x+y+z)^{11}(xy+yz+zx)^2(xyz)^3 - 31680(x+y+z)^8(xy+yz+zx)^2(xyz)^4 - 18774(x+y+z)^5(xy+yz+zx)^2(xyz)^5 - 2380(x+y+z)^2(xy+yz+zx)^2(xyz)^6 + 209(x+y+z)^{18}(xy+yz+zx)^3 + 3944(x+y+z)^{15}(xy+yz+zx)^3(xyz) + 24570(x+y+z)^{12}(xy+yz+zx)^3(xyz)^2 + 61490(x+y+z)^9(xy+
\end{aligned}$$

$$\begin{aligned}
& yz + zx)^3(xyz)^3 + 57750(x + y + z)^6(xy + yz + zx)^3(xyz)^4 + 14364(x + y + z)^3(xy + yz + zx)^3(xyz)^5 + 224(xy + yz + zx)^3(xyz)^6 - 1122(x + y + z)^{16}(xy + yz + zx)^4 - 15260(x + y + z)^{13}(xy + yz + zx)^4(xyz) - 65065(x + y + z)^{10}(xy + yz + zx)^4(xyz)^2 - 99660(x + y + z)^7(xy + yz + zx)^4(xyz)^3 - 45150(x + y + z)^4(xy + yz + zx)^4(xyz)^4 - 2702(x + y + z)(xy + yz + zx)^4(xyz)^5 + 3740(x + y + z)^{14}(xy + yz + zx)^5 + 35763(x + y + z)^{11}(xy + yz + zx)^5(xyz) + 97812(x + y + z)^8(xy + yz + zx)^5(xyz)^2 + 79926(x + y + z)^5(xy + yz + zx)^5(xyz)^3 + 12222(x + y + z)^2(xy + yz + zx)^5(xyz)^4 - 8008(x + y + z)^{12}(xy + yz + zx)^6 - 51051(x + y + z)^9(xy + yz + zx)^6(xyz) - 80388(x + y + z)^6(xy + yz + zx)^6(xyz)^2 - 27300(x + y + z)^3(xy + yz + zx)^6(xyz)^3 - 504(xy + yz + zx)^6(xyz)^4 + 11011(x + y + z)^{10}(xy + yz + zx)^7 + 42900(x + y + z)^7(xy + yz + zx)^7(xyz) + 32340(x + y + z)^4(xy + yz + zx)^7(xyz)^2 + 2604(x + y + z)(xy + yz + zx)^7(xyz)^3 - 9438(x + y + z)^8(xy + yz + zx)^8 - 19503(x + y + z)^5(xy + yz + zx)^8(xyz) - 4905(x + y + z)^2(xy + yz + zx)^8(xyz)^2 + 4719(x + y + z)^6(xy + yz + zx)^9 + 4015(x + y + z)^3(xy + yz + zx)^9(xyz) + 120(xy + yz + zx)^9(xyz)^2 - 1210(x + y + z)^4(xy + yz + zx)^{10} - 241(x + y + z)(xy + yz + zx)^{10}(xyz) + 121(x + y + z)^2(xy + yz + zx)^{11} - 2(xy + yz + zx)^{12}
\end{aligned}$$

$$\begin{aligned}
s(24, 0, 0) = & +(x + y + z)^{24} + 24(x + y + z)^{21}(xyz) + 228(x + y + z)^{18}(xyz)^2 + 1088(x + y + z)^{15}(xyz)^3 + 2730(x + y + z)^{12}(xyz)^4 + 3432(x + y + z)^9(xyz)^5 + 1848(x + y + z)^6(xyz)^6 + 288(x + y + z)^3(xyz)^7 + 3(xyz)^8 - 24(x + y + z)^{22}(xy + yz + zx) - 480(x + y + z)^{19}(xy + yz + zx)(xyz) - 3672(x + y + z)^{16}(xy + yz + zx)(xyz)^2 - 13440(x + y + z)^{13}(xy + yz + zx)(xyz)^3 - 24024(x + y + z)^{10}(xy + yz + zx)(xyz)^4 - 19008(x + y + z)^7(xy + yz + zx)(xyz)^5 - 5040(x + y + z)^4(xy + yz + zx)(xyz)^6 - 192(x + y + z)(xy + yz + zx)(xyz)^7 + 252(x + y + z)^{20}(xy + yz + zx)^2 + 4104(x + y + z)^{17}(xy + yz + zx)^2(xyz) + 24480(x + y + z)^{14}(xy + yz + zx)^2(xyz)^2 + 65520(x + y + z)^{11}(xy + yz + zx)^2(xyz)^3 + 77220(x + y + z)^8(xy + yz + zx)^2(xyz)^4 + 33264(x + y + z)^5(xy + yz + zx)^2(xyz)^5 + 3024(x + y + z)^2(xy + yz + zx)^2(xyz)^6 - 1520(x + y + z)^{18}(xy + yz + zx)^3 - 19584(x + y + z)^{15}(xy + yz + zx)^3(xyz) - 87360(x + y + z)^{12}(xy + yz + zx)^3(xyz)^2 - 160160(x + y + z)^9(xy + yz + zx)^3(xyz)^3 - 110880(x + y + z)^6(xy + yz + zx)^3(xyz)^4 - 20160(x + y + z)^3(xy + yz + zx)^3(xyz)^5 - 224(xy + yz + zx)^3(xyz)^6 + 5814(x + y + z)^{16}(xy + yz + zx)^4 + 57120(x + y + z)^{13}(xy + yz + zx)^4(xyz) + 180180(x + y + z)^{10}(xy + yz + zx)^4(xyz)^2 + 205920(x + y + z)^7(xy + yz + zx)^4(xyz)^3 + 69300(x + y + z)^4(xy + yz + zx)^4(xyz)^4 + 3024(x + y + z)(xy + yz + zx)^4(xyz)^5 - 14688(x + y + z)^{14}(xy +
\end{aligned}$$

$$\begin{aligned}
& yz + zx)^5 - 104832(x + y + z)^{11}(xy + yz + zx)^5(xyz) - 216216(x + y + z)^8(xy + yz + zx)^5(xyz)^2 - 133056(x + y + z)^5(xy + yz + zx)^5(xyz)^3 - \\
& 15120(x + y + z)^2(xy + yz + zx)^5(xyz)^4 + 24752(x + y + z)^{12}(xy + yz + zx)^6 + 120120(x + y + z)^9(xy + yz + zx)^6(xyz) + 144144(x + y + z)^6(xy + yz + \\
& yz + zx)^6(xyz)^2 + 36960(x + y + z)^3(xy + yz + zx)^6(xyz)^3 + 504(xy + yz + zx)^6(xyz)^4 - 27456(x + y + z)^{10}(xy + yz + zx)^7 - 82368(x + y + z)^7(xy + yz + \\
& yz + zx)^7(xyz) - 47520(x + y + z)^4(xy + yz + zx)^7(xyz)^2 - 2880(x + y + z)(xy + yz + zx)^7(xyz)^3 + 19305(x + y + z)^8(xy + yz + zx)^8 + 30888(x + y + z)^5(xy + yz + zx)^8(xyz) + 5940(x + y + z)^2(xy + yz + zx)^8(xyz)^2 - 8008(x + y + z)^6(xy + yz + zx)^9 - 5280(x + y + z)^3(xy + yz + zx)^9(xyz) - 120(xy + yz + zx)^9(xyz)^2 + 1716(x + y + z)^4(xy + yz + zx)^{10} + 264(x + y + z)(xy + yz + zx)^{10}(xyz) - 144(x + y + z)^2(xy + yz + zx)^{11} + 2(xy + yz + zx)^{12}
\end{aligned}$$

$$\begin{aligned}
s(13, 12, 0) = & +2(x + y + z)^7(xyz)^6 - 35(x + y + z)^4(xyz)^7 + 14(x + y + z)(xyz)^8 + 71(x + y + z)^5(xy + yz + zx)(xyz)^6 - 114(x + y + z)^2(xy + yz + zx)(xyz)^7 - 36(x + y + z)^6(xy + yz + zx)^2(xyz)^5 + 290(x + y + z)^3(xy + yz + zx)^2(xyz)^6 - 22(xy + yz + zx)^2(xyz)^7 - 295(x + y + z)^4(xy + yz + zx)^3(xyz)^5 + 150(x + y + z)(xy + yz + zx)^3(xyz)^6 + 105(x + y + z)^5(xy + yz + zx)^4(xyz)^4 - 345(x + y + z)^2(xy + yz + zx)^4(xyz)^5 + 329(x + y + z)^3(xy + yz + zx)^5(xyz)^4 - 33(xy + yz + zx)^5(xyz)^5 - 112(x + y + z)^4(xy + yz + zx)^6(xyz)^3 + 119(x + y + z)(xy + yz + zx)^6(xyz)^4 - 140(x + y + z)^2(xy + yz + zx)^7(xyz)^3 + 54(x + y + z)^3(xy + yz + zx)^8(xyz)^2 - 11(xy + yz + zx)^8(xyz)^3 + 23(x + y + z)(xy + yz + zx)^9(xyz)^2 - 12(x + y + z)^2(xy + yz + zx)^{10}(xyz) - (xy + yz + zx)^{11}(xyz) + (x + y + z)(xy + yz + zx)^{12}
\end{aligned}$$

$$\begin{aligned}
s(14, 11, 0) = & +11(x + y + z)^7(xyz)^6 + 20(x + y + z)^4(xyz)^7 - 25(x + y + z)(xyz)^8 - 11(x + y + z)^8(xy + yz + zx)(xyz)^5 + 207(x + y + z)^2(xy + yz + zx)(xyz)^7 - 77(x + y + z)^6(xy + yz + zx)^2(xyz)^5 - 490(x + y + z)^3(xy + yz + zx)^2(xyz)^6 + 54(xy + yz + zx)^2(xyz)^7 + 55(x + y + z)^7(xy + yz + zx)^3(xyz)^4 + 385(x + y + z)^4(xy + yz + zx)^3(xyz)^5 - 364(x + y + z)(xy + yz + zx)^3(xyz)^6 + 805(x + y + z)^2(xy + yz + zx)^4(xyz)^5 - 77(x + y + z)^6(xy + yz + zx)^5(xyz)^3 - 693(x + y + z)^3(xy + yz + zx)^5(xyz)^4 + 91(xy + yz + zx)^5(xyz)^5 + 154(x + y + z)^4(xy + yz + zx)^6(xyz)^3 - 322(x + y + z)(xy + yz + zx)^6(xyz)^4 + 44(x + y + z)^5(xy + yz + zx)^7(xyz)^2 + 363(x + y + z)^2(xy + yz + zx)^7(xyz)^3 - 121(x + y + z)^3(xy + yz + zx)^8(xyz)^2 + 32(xy + yz + zx)^8(xyz)^3 - 11(x + y + z)^4(xy + yz + zx)^9(xyz) - 66(x + y + z)(xy + yz + zx)^9(xyz)^2 + 33(x + y + z)^2(xy + yz + zx)^{10}(xyz) + (x + y + z)
\end{aligned}$$

$$z)^3(xy + yz + zx)^{11} + 3(xy + yz + zx)^{11}(xyz) - 3(x + y + z)(xy + yz + zx)^{12}$$

$$\begin{aligned} s(15, 10, 0) = & -2(x + y + z)^{10}(xyz)^5 + 5(x + y + z)^7(xy z)^6 + 75(x + y + z)^4(xy z)^7 + 5(x + y + z)(xy z)^8 - 30(x + y + z)^8(xy + yz + zx)(xyz)^5 - 255(x + y + z)^5(xy + yz + zx)(xyz)^6 - 30(x + y + z)^2(xy + yz + zx)(xyz)^7 + 25(x + y + z)^9(xy + yz + zx)^2(xyz)^4 + 255(x + y + z)^6(xy + yz + zx)^2(xyz)^5 - 75(x + y + z)^3(xy + yz + zx)^2(xyz)^6 - 55(xy + yz + zx)^2(xyz)^7 - 25(x + y + z)^7(xy + yz + zx)^3(xyz)^4 + 475(x + y + z)^4(xy + yz + zx)^3(xyz)^5 + 355(x + y + z)(xy + yz + zx)^3(xyz)^6 - 50(x + y + z)^8(xy + yz + zx)^4(xyz)^3 - 600(x + y + z)^5(xy + yz + zx)^4(xyz)^4 - 675(x + y + z)^2(xy + yz + zx)^4(xyz)^5 + 190(x + y + z)^6(xy + yz + zx)^5(xyz)^3 + 325(x + y + z)^3(xy + yz + zx)^5(xyz)^4 - 126(xy + yz + zx)^5(xyz)^5 + 35(x + y + z)^7(xy + yz + zx)^6(xy z)^2 + 225(x + y + z)^4(xy + yz + zx)^6(xy z)^3 + 425(x + y + z)(xy + yz + zx)^6(xy z)^4 - 165(x + y + z)^5(xy + yz + zx)^7(xy z)^2 - 425(x + y + z)^2(xy + yz + zx)^7(xy z)^3 - 10(x + y + z)^6(xy + yz + zx)^8(xy z) + 75(x + y + z)^3(xy + yz + zx)^8(xy z)^2 - 50(xy + yz + zx)^8(xy z)^3 + 50(x + y + z)^4(xy + yz + zx)^9(xy z) + 100(x + y + z)(xy + yz + zx)^9(xy z)^2 + (x + y + z)^5(xy + yz + zx)^{10} - 45(x + y + z)^2(xy + yz + zx)^{10}(xyz) - 5(x + y + z)^3(xy + yz + zx)^{11} - 5(xy + yz + zx)^{11}(xyz) + 5(x + y + z)(xy + yz + zx)^{12} \end{aligned}$$

$$\begin{aligned} s(16, 9, 0) = & -9(x + y + z)^{10}(xyz)^5 - 60(x + y + z)^7(xy z)^6 - 42(x + y + z)^4(xy z)^7 + 23(x + y + z)(xy z)^8 + 9(x + y + z)^{11}(xy + yz + zx)(xyz)^4 + 99(x + y + z)^8(xy + yz + zx)(xyz)^5 + 42(x + y + z)^5(xy + yz + zx)(xyz)^6 - 252(x + y + z)^2(xy + yz + zx)(xyz)^7 - 9(x + y + z)^9(xy + yz + zx)^2(xyz)^4 + 252(x + y + z)^6(xy + yz + zx)^2(xyz)^5 + 924(x + y + z)^3(xy + yz + zx)^2(xy z)^6 + 20(xy + yz + zx)^2(xy z)^7 - 30(x + y + z)^{10}(xy + yz + zx)^3(xy z)^3 - 444(x + y + z)^7(xy + yz + zx)^3(xy z)^4 - 1470(x + y + z)^4(xy + yz + zx)^3(xy z)^5 - 84(x + y + z)(xy + yz + zx)^3(xy z)^6 + 165(x + y + z)^8(xy + yz + zx)^4(xy z)^3 + 882(x + y + z)^5(xy + yz + zx)^4(xy z)^4 - 126(x + y + z)^2(xy + yz + zx)^4(xy z)^5 + 27(x + y + z)^9(xy + yz + zx)^5(xy z)^2 + 84(x + y + z)^6(xy + yz + zx)^5(xy z)^3 + 798(x + y + z)^3(xy + yz + zx)^5(xy z)^4 + 126(xy + yz + zx)^5(xy z)^5 - 180(x + y + z)^7(xy + yz + zx)^6(xy z)^2 - 924(x + y + z)^4(xy + yz + zx)^6(xy z)^3 - 378(x + y + z)(xy + yz + zx)^6(xy z)^4 - 9(x + y + z)^8(xy + yz + zx)^7(xy z) + 252(x + y + z)^5(xy + yz + zx)^7(xy z)^2 + 252(x + y + z)^2(xy + yz + zx)^7(xy z)^3 + 63(x + y + z)^6(xy + yz + zx)^8(xy z) + 126(x + y + z)^3(xy + yz + zx)^8(xy z)^2 + 63(xy + yz + zx)^8(xy z)^3 + (x + y + z)^7(xy + yz + zx)^9 - 119(x + y + z)^4(xy + yz + zx)^9(xy z) - 119(x + y + z)(xy + yz + zx)^9(xy z)^2 - 7(x + y + z)^5(xy + yz + zx)^{10} + 42(x + y + z)^2(xy + yz + zx)^{10}(xyz) + 14(x + y + z)^3(xy + \end{aligned}$$

$$yz + zx)^{11} + 7(xy + yz + zx)^{11}(xyz) - 7(x + y + z)(xy + yz + zx)^{12}$$

$$\begin{aligned} s(17, 8, 0) = & +2(x + y + z)^{13}(xyz)^4 + 10(x + y + z)^{10}(xyz)^5 - 36(x + y + z)^7(xy z)^6 - 138(x + y + z)^4(xy z)^7 - 25(x + y + z)(xy z)^8 + 6(x + y + z)^{11}(xy + yz + zx)(xyz)^4 + 198(x + y + z)^8(xy + yz + zx)(xyz)^5 + 738(x + y + z)^5(xy + yz + zx)(xyz)^6 + 288(x + y + z)^2(xy + yz + zx)(xyz)^7 - 16(x + y + z)^{12}(xy + yz + zx)^2(xyz)^3 - 294(x + y + z)^9(xy + yz + zx)^2(xyz)^4 - 1368(x + y + z)^6(xy + yz + zx)^2(xyz)^5 - 912(x + y + z)^3(xy + yz + zx)^2(xyz)^6 + 36(xy + yz + zx)^2(xyz)^7 + 112(x + y + z)^{10}(xy + yz + zx)^3(xyz)^3 + 912(x + y + z)^7(xy + yz + zx)^3(xyz)^4 + 834(x + y + z)^4(xy + yz + zx)^3(xyz)^5 - 348(x + y + z)(xy + yz + zx)^3(xyz)^6 + 20(x + y + z)^{11}(xy + yz + zx)^4(xyz)^2 + 36(x + y + z)^8(xy + yz + zx)^4(xyz)^3 + 558(x + y + z)^5(xy + yz + zx)^4(xyz)^4 + 1284(x + y + z)^2(xy + yz + zx)^4(xyz)^5 - 172(x + y + z)^9(xy + yz + zx)^5(xyz)^2 - 1212(x + y + z)^6(xy + yz + zx)^5(xyz)^3 - 2124(x + y + z)^3(xy + yz + zx)^5(xyz)^4 - 84(xy + yz + zx)^5(xyz)^5 - 8(x + y + z)^{10}(xy + yz + zx)^6(xyz) + 396(x + y + z)^7(xy + yz + zx)^6(xyz)^2 + 1392(x + y + z)^4(xy + yz + zx)^6(xyz)^3 + 156(x + y + z)(xy + yz + zx)^6(xyz)^4 + 72(x + y + z)^8(xy + yz + zx)^7(xyz) - 24(x + y + z)^5(xy + yz + zx)^7(xyz)^2 + 180(x + y + z)^2(xy + yz + zx)^7(xyz)^3 + (x + y + z)^9(xy + yz + zx)^8 - 207(x + y + z)^6(xy + yz + zx)^8(xyz) - 474(x + y + z)^3(xy + yz + zx)^8(xyz)^2 - 69(xy + yz + zx)^8(xyz)^3 - 9(x + y + z)^7(xy + yz + zx)^9 + 195(x + y + z)^4(xy + yz + zx)^9(xyz) + 117(x + y + z)(xy + yz + zx)^9(xyz)^2 + 27(x + y + z)^5(xy + yz + zx)^{10} - 18(x + y + z)^2(xy + yz + zx)^{10}(xyz) - 30(x + y + z)^3(xy + yz + zx)^{11} - 9(xy + yz + zx)^{11}(xyz) + 9(x + y + z)(xy + yz + zx)^{12} \end{aligned}$$

$$\begin{aligned} s(18, 7, 0) = & +7(x + y + z)^{13}(xyz)^4 + 77(x + y + z)^{10}(xyz)^5 + 231(x + y + z)^7(xy z)^6 + 153(x + y + z)^4(xy z)^7 - 4(x + y + z)(xy z)^8 - 7(x + y + z)^{14}(xy + yz + zx)(xyz)^3 - 147(x + y + z)^{11}(xy + yz + zx)(xyz)^4 - 693(x + y + z)^8(xy + yz + zx)(xyz)^5 - 693(x + y + z)^5(xy + yz + zx)(xyz)^6 + 81(x + y + z)^2(xy + yz + zx)(xyz)^7 + 56(x + y + z)^{12}(xy + yz + zx)^2(xyz)^3 + 539(x + y + z)^9(xy + yz + zx)^2(xyz)^4 + 693(x + y + z)^6(xy + yz + zx)^2(xyz)^5 - 693(x + y + z)^3(xy + yz + zx)^2(xyz)^6 - 79(xy + yz + zx)^2(xyz)^7 + 14(x + y + z)^{13}(xy + yz + zx)^3(xyz)^2 + 77(x + y + z)^{10}(xy + yz + zx)^3(xyz)^3 + 693(x + y + z)^7(xy + yz + zx)^3(xyz)^4 + 2541(x + y + z)^4(xy + yz + zx)^3(xyz)^5 + 693(x + y + z)(xy + yz + zx)^3(xyz)^6 - 147(x + y + z)^{11}(xy + yz + zx)^4(xyz)^2 - 1386(x + y + z)^8(xy + yz + zx)^4(xyz)^3 - 4158(x + y + z)^5(xy + yz + zx)^4(xyz)^4 - 2079(x + y + z)^2(xy + yz + zx)^4(xyz)^5 - 7(x + y + z)^{12}(xy + yz + zx)^5(xyz) + 462(x + y + z)^9(xy + yz + zx)^5(xyz)^2 + 2772(x + y + z)^6(xy + yz + zx)^5(xyz)^3 + 2541(x + \end{aligned}$$

$$\begin{aligned}
& y+z)^3(xy+yz+zx)^5(xyz)^4+77(x+y+z)^{10}(xy+yz+zx)^6(xyz)-231(x+y+z)^7(xy+yz+zx)^6(xyz)^2-693(x+y+z)^4(xy+yz+zx)^6(xyz)^3+ \\
& 231(x+y+z)(xy+yz+zx)^6(xyz)^4+(x+y+z)^{11}(xy+yz+zx)^7-297(x+y+z)^8(xy+yz+zx)^7(xyz)-891(x+y+z)^5(xy+yz+zx)^7(xyz)^2-825(x+y+z)^2(xy+yz+zx)^7(xyz)^3-11(x+y+z)^9(xy+yz+zx)^8+462(x+y+z)^6(xy+yz+zx)^8(xyz)+891(x+y+z)^3(xy+yz+zx)^8(xyz)^2+66(xy+yz+zx)^8(xyz)^3+44(x+y+z)^7(xy+yz+zx)^9-220(x+y+z)^4(xy+yz+zx)^9(xyz)-88(x+y+z)(xy+yz+zx)^9(xyz)^2-77(x+y+z)^5(xy+yz+zx)^{10}-33(x+y+z)^2(xy+yz+zx)^{10}(xyz)+55(x+y+z)^3(xy+yz+zx)^{11}+11(xy+yz+zx)^{11}(xyz)-11(x+y+z)(xy+yz+zx)^{12}
\end{aligned}$$

$$\begin{aligned}
s(19, 6, 0) = & -2(x+y+z)^{16}(xyz)^3-23(x+y+z)^{13}(xyz)^4-65(x+y+z)^{10}(xyz)^5+25(x+y+z)^7(xyz)^6+162(x+y+z)^4(xyz)^7+32(x+y+z)(xyz)^8+14(x+y+z)^{14}(xy+yz+zx)(xyz)^3+39(x+y+z)^{11}(xy+yz+zx)(xyz)^4-429(x+y+z)^8(xy+yz+zx)(xyz)^5-1332(x+y+z)^5(xy+yz+zx)(xyz)^6-525(x+y+z)^2(xy+yz+zx)(xyz)^7+9(x+y+z)^{15}(xy+yz+zx)^2(xyz)^2+143(x+y+z)^{12}(xy+yz+zx)^2(xyz)^3+1339(x+y+z)^9(xy+yz+zx)^2(xyz)^4+4173(x+y+z)^6(xy+yz+zx)^2(xyz)^5+2781(x+y+z)^3(xy+yz+zx)^2(xyz)^6+71(xy+yz+zx)^2(xyz)^7-111(x+y+z)^{13}(xy+yz+zx)^3(xyz)^2-1443(x+y+z)^{10}(xy+yz+zx)^3(xyz)^3-6071(x+y+z)^7(xy+yz+zx)^3(xyz)^4-6565(x+y+z)^4(xy+yz+zx)^3(xyz)^5-617(x+y+z)(xy+yz+zx)^3(xyz)^6-6(x+y+z)^{14}(xy+yz+zx)^4(xyz)+429(x+y+z)^{11}(xy+yz+zx)^4(xyz)^2+3770(x+y+z)^8(xy+yz+zx)^4(xyz)^3+7098(x+y+z)^5(xy+yz+zx)^4(xyz)^4+1521(x+y+z)^2(xy+yz+zx)^4(xyz)^5+78(x+y+z)^{12}(xy+yz+zx)^5(xyz)-312(x+y+z)^9(xy+yz+zx)^5(xyz)^2-2275(x+y+z)^6(xy+yz+zx)^5(xyz)^3-637(x+y+z)^3(xy+yz+zx)^5(xyz)^4+117(xy+yz+zx)^5(xyz)^5+(x+y+z)^{13}(xy+yz+zx)^6-377(x+y+z)^{10}(xy+yz+zx)^6(xyz)-1430(x+y+z)^7(xy+yz+zx)^6(xyz)^2-2184(x+y+z)^4(xy+yz+zx)^6(xyz)^3-728(x+y+z)(xy+yz+zx)^6(xyz)^4-13(x+y+z)^{11}(xy+yz+zx)^7+819(x+y+z)^8(xy+yz+zx)^7(xyz)+2730(x+y+z)^5(xy+yz+zx)^7(xyz)^2+1547(x+y+z)^2(xy+yz+zx)^7(xyz)^3+65(x+y+z)^9(xy+yz+zx)^8-728(x+y+z)^6(xy+yz+zx)^8(xyz)-1209(x+y+z)^3(xy+yz+zx)^8(xyz)^2-52(xy+yz+zx)^8(xyz)^3-156(x+y+z)^7(xy+yz+zx)^9+91(x+y+z)^4(xy+yz+zx)^9(xyz)+26(x+y+z)(xy+yz+zx)^9(xyz)^2+182(x+y+z)^5(xy+yz+zx)^{10}+117(x+y+z)^2(xy+yz+zx)^{10}(xyz)-91(x+y+z)^3(xy+yz+zx)^{11}-13(xy+yz+zx)^{11}(xyz)+13(x+y+z)(xy+yz+zx)^{12}
\end{aligned}$$

$$\begin{aligned}
s(20, 5, 0) = & -5(x+y+z)^{16}(xyz)^3 - 75(x+y+z)^{13}(xyz)^4 - 376(x+y+z)^{10}(xyz)^5 - 710(x+y+z)^7(xyz)^6 - 400(x+y+z)^4(xyz)^7 - 25(x+y+z)(xyz)^8 \\
& + 5(x+y+z)^{17}(xy+yz+zx)(xyz)^2 + 150(x+y+z)^{14}(xy+yz+zx)(xyz)^3 + 1200(x+y+z)^{11}(xy+yz+zx)(xyz)^4 + 3410(x+y+z)^8(xy+yz+zx)(xyz)^5 \\
& + 3060(x+y+z)^5(xy+yz+zx)(xyz)^6 + 450(x+y+z)^2(xy+yz+zx)(xyz)^7 - 70(x+y+z)^{15}(xy+yz+zx)^2(xyz)^2 - 1200(x+y+z)^{12}(xy+yz+zx)^2(xyz)^3 \\
& - 5700(x+y+z)^9(xy+yz+zx)^2(xyz)^4 - 8260(x+y+z)^6(xy+yz+zx)^2(xyz)^5 - 2350(x+y+z)^3(xy+yz+zx)^2(xyz)^6 - 5(x+y+z)^{16}(xy+yz+zx)^3(xyz) \\
& + 300(x+y+z)^{13}(xy+yz+zx)^3(xyz)^2 + 3550(x+y+z)^{10}(xy+yz+zx)^3(xyz)^3 + 9200(x+y+z)^7(xy+yz+zx)^3(xyz)^4 + 4550(x+y+z)^4(xy+yz+zx)^3(xyz)^5 \\
& - 100(x+y+z)(xy+yz+zx)^3(xyz)^6 + 75(x+y+z)^{14}(xy+yz+zx)^4(xyz) - 100(x+y+z)^{11}(xy+yz+zx)^4(xyz)^2 - 2475(x+y+z)^8(xy+yz+zx)^4(xyz)^3 \\
& - 1575(x+y+z)^5(xy+yz+zx)^4(xyz)^4 + 1225(x+y+z)^2(xy+yz+zx)^4(xyz)^5 + (x+y+z)^{15}(xy+yz+zx)^5 - 435(x+y+z)^{12}(xy+yz+zx)^5(xyz) \\
& - 2425(x+y+z)^9(xy+yz+zx)^5(xyz)^2 - 5320(x+y+z)^6(xy+yz+zx)^5(xyz)^3 - 4725(x+y+z)^3(xy+yz+zx)^5(xyz)^4 - 245(xy+yz+zx)^5(xyz)^5 \\
& - 15(x+y+z)^{13}(xy+yz+zx)^6 + 1210(x+y+z)^{10}(xy+yz+zx)^6(xyz) + 6120(x+y+z)^7(xy+yz+zx)^6(xyz)^2 + 7700(x+y+z)^4(xy+yz+zx)^6(xyz)^3 \\
& + 1225(x+y+z)(xy+yz+zx)^6(xyz)^4 + 90(x+y+z)^{11}(xy+yz+zx)^7 - 1575(x+y+z)^8(xy+yz+zx)^7(xyz) - 5180(x+y+z)^5(xy+yz+zx)^7(xyz)^2 \\
& - 2100(x+y+z)^2(xy+yz+zx)^7(xyz)^3 - 275(x+y+z)^9(xy+yz+zx)^8 + 630(x+y+z)^6(xy+yz+zx)^8(xyz) + 1150(x+y+z)^3(xy+yz+zx)^8(xyz)^2 \\
& + 25(xy+yz+zx)^8(xyz)^3 + 450(x+y+z)^7(xy+yz+zx)^9 + 350(x+y+z)^4(xy+yz+zx)^9(xyz) + 75(x+y+z)(xy+yz+zx)^9(xyz)^2 - 378(x+y+z)^5(xy+yz+zx)^{10} \\
& - 240(x+y+z)^2(xy+yz+zx)^{10}(xyz) + 140(x+y+z)^3(xy+yz+zx)^{11} + 15(xy+yz+zx)^{11}(xyz) - 15(x+y+z)(xy+yz+zx)^{12}
\end{aligned}$$

$$\begin{aligned}
s(21, 4, 0) = & +2(x+y+z)^{19}(xyz)^2 + 34(x+y+z)^{16}(xyz)^3 + 203(x+y+z)^{13}(xyz)^4 + 497(x+y+z)^{10}(xyz)^5 + 424(x+y+z)^7(xyz)^6 + 37(x+y+z)^4(xyz)^7 \\
& - 13(x+y+z)(xyz)^8 - 30(x+y+z)^{17}(xy+yz+zx)(xyz)^2 - 374(x+y+z)^{14}(xy+yz+zx)(xyz)^3 - 1449(x+y+z)^{11}(xy+yz+zx)(xyz)^4 - 1719(x+y+z)^8(xy+yz+zx)(xyz)^5 \\
& + 35(x+y+z)^5(xy+yz+zx)(xyz)^6 + 300(x+y+z)^2(xy+yz+zx)(xyz)^7 - 4(x+y+z)^{18}(xy+yz+zx)^2(xyz) + 102(x+y+z)^{15}(xy+yz+zx)^2(xyz)^2 \\
& + 952(x+y+z)^{12}(xy+yz+zx)^2(xyz)^3 + 1295(x+y+z)^9(xy+yz+zx)^2(xyz)^4 - 2268(x+y+z)^6(xy+yz+zx)^2(xyz)^5 - 2464(x+y+z)^3(xy+yz+zx)^2(xyz)^6 \\
& - 94(xy+yz+zx)^2(xyz)^7 + 68(x+y+z)
\end{aligned}$$

$$\begin{aligned}
& z)^{16}(xy+yz+zx)^3(xyz)+476(x+y+z)^{13}(xy+yz+zx)^3(xyz)^2+2618(x+y+z)^{10}(xy+yz+zx)^3(xyz)^3+9540(x+y+z)^7(xy+yz+zx)^3(xyz)^4+ \\
& 9975(x+y+z)^4(xy+yz+zx)^3(xyz)^5+1218(x+y+z)(xy+yz+zx)^3(xyz)^6+ \\
& (x+y+z)^{17}(xy+yz+zx)^4-459(x+y+z)^{14}(xy+yz+zx)^4(xyz)-4284(x+y+z)^{11}(xy+yz+zx)^4(xyz)^2-16065(x+y+z)^8(xy+yz+zx)^4(xyz)^3- \\
& 21840(x+y+z)^5(xy+yz+zx)^4(xyz)^4-5754(x+y+z)^2(xy+yz+zx)^4(xyz)^5-17(x+y+z)^{15}(xy+yz+zx)^5+1547(x+y+z)^{12}(xy+yz+ \\
& zx)^5(xyz)+11781(x+y+z)^9(xy+yz+zx)^5(xyz)^2+25704(x+y+z)^6(xy+ \\
& yz+zx)^5(xyz)^3+13062(x+y+z)^3(xy+yz+zx)^5(xyz)^4+336(xy+yz+ \\
& zx)^5(xyz)^5+119(x+y+z)^{13}(xy+yz+zx)^6-2618(x+y+z)^{10}(xy+yz+ \\
& zx)^6(xyz)-14280(x+y+z)^7(xy+yz+zx)^6(xyz)^2-14756(x+y+z)^4(xy+ \\
& yz+zx)^6(xyz)^3-1526(x+y+z)(xy+yz+zx)^6(xyz)^4-442(x+y+z)^{11}(xy+ \\
& yz+zx)^7+1683(x+y+z)^8(xy+yz+zx)^7(xyz)+6732(x+y+z)^5(xy+yz+ \\
& zx)^7(xyz)^2+2108(x+y+z)^2(xy+yz+zx)^7(xyz)^3+935(x+y+z)^9(xy+ \\
& yz+zx)^8+714(x+y+z)^6(xy+yz+zx)^8(xyz)-306(x+y+z)^3(xy+yz+ \\
& zx)^8(xyz)^2+17(xy+yz+zx)^8(xyz)^3-1122(x+y+z)^7(xy+yz+zx)^9- \\
& 1326(x+y+z)^4(xy+yz+zx)^9(xyz)-221(x+y+z)(xy+yz+zx)^9(xyz)^2+ \\
& 714(x+y+z)^5(xy+yz+zx)^{10}+408(x+y+z)^2(xy+yz+zx)^{10}(xyz)-204(x+y+z)^3(xy+yz+zx)^{11}-17(xy+yz+zx)^{11}(xyz)+17(x+y+z)(xy+yz+zx)^{12}
\end{aligned}$$

$$\begin{aligned}
& s(22, 3, 0) = +3(x+y+z)^{19}(xyz)^2+56(x+y+z)^{16}(xyz)^3+383(x+y+z)^{13}(xyz)^4+1166(x+y+z)^{10}(xyz)^5+1518(x+y+z)^7(xyz)^6+658(x+y+z)^4(xyz)^7+41(x+y+z)(xyz)^8-3(x+y+z)^{20}(xy+yz+zx)(xyz)-114(x+y+z)^{17}(xy+yz+zx)(xyz)^2-1238(x+y+z)^{14}(xy+yz+zx)(xyz)^3-5508(x+y+z)^{11}(xy+yz+zx)(xyz)^4-10395(x+y+z)^8(xy+yz+zx)(xyz)^5-7084(x+y+z)^5(xy+yz+zx)(xyz)^6-1014(x+y+z)^2(xy+yz+zx)(xyz)^7+57(x+y+z)^{18}(xy+yz+zx)^2(xyz)+1311(x+y+z)^{15}(xy+yz+zx)^2(xyz)^2+9529(x+y+z)^{12}(xy+yz+zx)^2(xyz)^3+27335(x+y+z)^9(xy+yz+zx)^2(xyz)^4+29106(x+y+z)^6(xy+yz+zx)^2(xyz)^5+8057(x+y+z)^3(xy+yz+zx)^2(xyz)^6+131(xy+yz+zx)^2(xyz)^7+(x+y+z)^{19}(xy+yz+zx)^3-437(x+y+z)^{16}(xy+yz+zx)^3(xyz)-7049(x+y+z)^{13}(xy+yz+zx)^3(xyz)^2-34342(x+y+z)^{10}(xy+yz+zx)^3(xyz)^3-59070(x+y+z)^7(xy+yz+zx)^3(xyz)^4-29414(x+y+z)^4(xy+yz+zx)^3(xyz)^5-1827(x+y+z)(xy+yz+zx)^3(xyz)^6-19(x+y+z)^{17}(xy+yz+zx)^4+1710(x+y+z)^{14}(xy+yz+zx)^4(xyz)+20007(x+y+z)^{11}(xy+yz+zx)^4(xyz)^2+62040(x+y+z)^8(xy+yz+zx)^4(xyz)^3+55440(x+y+z)^5(xy+yz+
\end{aligned}$$

$$\begin{aligned}
&zx)^4(xyz)^4 + 8736(x+y+z)^2(xy+yz+zx)^4(xyz)^5 + 152(x+y+z)^{15}(xy+yz+zx)^5 - 3458(x+y+z)^{12}(xy+yz+zx)^5(xyz) - 30096(x+y+z)^9(xy+yz+zx)^5(xyz)^2 - 53592(x+y+z)^6(xy+yz+zx)^5(xyz)^3 - 18788(x+y+z)^3(xy+yz+zx)^5(xyz)^4 - 294(xy+yz+zx)^5(xyz)^5 - 665(x+y+z)^{13}(xy+yz+zx)^6 + 2717(x+y+z)^{10}(xy+yz+zx)^6(xyz) + 21318(x+y+z)^7(xy+yz+zx)^6(xyz)^2 + 18018(x+y+z)^4(xy+yz+zx)^6(xyz)^3 + 1218(x+y+z)(xy+yz+zx)^6(xyz)^4 + 1729(x+y+z)^{11}(xy+yz+zx)^7 + 1881(x+y+z)^8(xy+yz+zx)^7(xyz) - 3762(x+y+z)^5(xy+yz+zx)^7(xyz)^2 - 924(x+y+z)^2(xy+yz+zx)^7(xyz)^3 - 2717(x+y+z)^9(xy+yz+zx)^8 - 5016(x+y+z)^6(xy+yz+zx)^8(xyz) - 1881(x+y+z)^3(xy+yz+zx)^8(xyz)^2 - 78(xy+yz+zx)^8(xyz)^3 + 2508(x+y+z)^7(xy+yz+zx)^9 + 3135(x+y+z)^4(xy+yz+zx)^9(xyz) + 418(x+y+z)(xy+yz+zx)^9(xyz)^2 - 1254(x+y+z)^5(xy+yz+zx)^{10} - 627(x+y+z)^2(xy+yz+zx)^{10}(xyz) + 285(x+y+z)^3(xy+yz+zx)^{11} + 19(xy+yz+zx)^{11}(xyz) - 19(x+y+z)(xy+yz+zx)^{12}
\end{aligned}$$

$$\begin{aligned}
s(23, 2, 0) = &-2(x+y+z)^{22}(xyz) - 43(x+y+z)^{19}(xyz)^2 - 355(x+y+z)^{16}(xyz)^3 - 1407(x+y+z)^{13}(xyz)^4 - 2728(x+y+z)^{10}(xyz)^5 - 2334(x+y+z)^7(xyz)^6 - 658(x+y+z)^4(xyz)^7 - 25(x+y+z)(xyz)^8 + 42(x+y+z)^{20}(xy+yz+zx)(xyz) + 733(x+y+z)^{17}(xy+yz+zx)(xyz)^2 + 4695(x+y+z)^{14}(xy+yz+zx)(xyz)^3 + 13494(x+y+z)^{11}(xy+yz+zx)(xyz)^4 + 16995(x+y+z)^8(xy+yz+zx)(xyz)^5 + 7686(x+y+z)^5(xy+yz+zx)(xyz)^6 + 693(x+y+z)^2(xy+yz+zx)(xyz)^7 + (x+y+z)^{21}(xy+yz+zx)^2 - 357(x+y+z)^{18}(xy+yz+zx)^2(xyz) - 5024(x+y+z)^{15}(xy+yz+zx)^2(xyz)^2 - 24024(x+y+z)^{12}(xy+yz+zx)^2(xyz)^3 - 46695(x+y+z)^9(xy+yz+zx)^2(xyz)^4 - 33558(x+y+z)^6(xy+yz+zx)^2(xyz)^5 - 5992(x+y+z)^3(xy+yz+zx)^2(xyz)^6 - 54(xy+yz+zx)^2(xyz)^7 - 21(x+y+z)^{19}(xy+yz+zx)^3 + 1547(x+y+z)^{16}(xy+yz+zx)^3(xyz) + 17570(x+y+z)^{13}(xy+yz+zx)^3(xyz)^2 + 59488(x+y+z)^{10}(xy+yz+zx)^3(xyz)^3 + 70290(x+y+z)^7(xy+yz+zx)^3(xyz)^4 + 22974(x+y+z)^4(xy+yz+zx)^3(xyz)^5 + 812(x+y+z)(xy+yz+zx)^3(xyz)^6 + 189(x+y+z)^{17}(xy+yz+zx)^4 - 3360(x+y+z)^{14}(xy+yz+zx)^4(xyz) - 32305(x+y+z)^{11}(xy+yz+zx)^4(xyz)^2 - 71775(x+y+z)^8(xy+yz+zx)^4(xyz)^3 - 42840(x+y+z)^5(xy+yz+zx)^4(xyz)^4 - 3836(x+y+z)^2(xy+yz+zx)^4(xyz)^5 - 952(x+y+z)^{15}(xy+yz+zx)^5 + 1911(x+y+z)^{12}(xy+yz+zx)^5(xyz) + 26741(x+y+z)^9(xy+yz+zx)^5(xyz)^2 + 34650(x+y+z)^6(xy+yz+zx)^5(xyz)^3 + 6552(x+y+z)^3(xy+yz+zx)^5(xyz)^4 - 14(xy+yz+zx)^5(xyz)^5 + 2940(x+y+z)
\end{aligned}$$

$$\begin{aligned}
& y+z)^{13}(xy+yz+zx)^6+7007(x+y+z)^{10}(xy+yz+zx)^6(xyz)+264(x+y+z)^7(xy+yz+zx)^6(xyz)^2+420(x+y+z)^4(xy+yz+zx)^6(xyz)^3+546(x+y+z)(xy+yz+zx)^6(xyz)^4-5733(x+y+z)^{11}(xy+yz+zx)^7-16731(x+y+z)^8(xy+yz+zx)^7(xyz)-13992(x+y+z)^5(xy+yz+zx)^7(xyz)^2-3096(x+y+z)^2(xy+yz+zx)^7(xyz)^3+7007(x+y+z)^9(xy+yz+zx)^8+15246(x+y+z)^6(xy+yz+zx)^8(xyz)+6645(x+y+z)^3(xy+yz+zx)^8(xyz)^2+177(xy+yz+zx)^8(xyz)^3-5148(x+y+z)^7(xy+yz+zx)^9-6160(x+y+z)^4(xy+yz+zx)^9(xyz)-695(x+y+z)(xy+yz+zx)^9(xyz)^2+2079(x+y+z)^5(xy+yz+zx)^{10}+903(x+y+z)^2(xy+yz+zx)^{10}(xyz)-385(x+y+z)^3(xy+yz+zx)^{11}-21(xy+yz+zx)^{11}(xyz)+21(x+y+z)(xy+yz+zx)^{12}
\end{aligned}$$

$$\begin{aligned}
s(24, 1, 0) = & -(x+y+z)^{22}(xyz)-22(x+y+z)^{19}(xyz)^2-187(x+y+z)^{16}(xyz)^3-770(x+y+z)^{13}(xyz)^4-1573(x+y+z)^{10}(xyz)^5-1452(x+y+z)^7(xy)^6-462(x+y+z)^4(xy)^7-22(x+y+z)(xyz)^8+(x+y+z)^{23}(xy+yz+zx)+45(x+y+z)^{20}(xy+yz+zx)(xyz)+603(x+y+z)^{17}(xy+yz+zx)(xyz)^2+3560(x+y+z)^{14}(xy+yz+zx)(xyz)^3+10101(x+y+z)^{11}(xy+yz+zx)(xyz)^4+13167(x+y+z)^8(xy+yz+zx)(xyz)^5+6510(x+y+z)^5(xy+yz+zx)(xyz)^6+708(x+y+z)^2(xy+yz+zx)(xyz)^7-23(x+y+z)^{21}(xy+yz+zx)^2-646(x+y+z)^{18}(xy+yz+zx)^2(xyz)-6120(x+y+z)^{15}(xy+yz+zx)^2(xyz)^2-25480(x+y+z)^{12}(xy+yz+zx)^2(xyz)^3-47905(x+y+z)^9(xy+yz+zx)^2(xyz)^4-36036(x+y+z)^6(xy+yz+zx)^2(xyz)^5-7476(x+y+z)^3(xy+yz+zx)^2(xyz)^6-100(xy+yz+zx)^2(xyz)^7+230(x+y+z)^{19}(xy+yz+zx)^3+4641(x+y+z)^{16}(xy+yz+zx)^3(xyz)+31640(x+y+z)^{13}(xy+yz+zx)^3(xyz)^2+90090(x+y+z)^{10}(xy+yz+zx)^3(xyz)^3+103620(x+y+z)^7(xy+yz+zx)^3(xyz)^4+37590(x+y+z)^4(xy+yz+zx)^3(xyz)^5+1876(x+y+z)(xy+yz+zx)^3(xyz)^6-1311(x+y+z)^{17}(xy+yz+zx)^4-19380(x+y+z)^{14}(xy+yz+zx)^4(xyz)-92820(x+y+z)^{11}(xy+yz+zx)^4(xyz)^2-169455(x+y+z)^8(xy+yz+zx)^4(xyz)^3-103950(x+y+z)^5(xy+yz+zx)^4(xyz)^4-12726(x+y+z)^2(xy+yz+zx)^4(xyz)^5+4692(x+y+z)^{15}(xy+yz+zx)^5+49868(x+y+z)^{12}(xy+yz+zx)^5(xyz)+159159(x+y+z)^9(xy+yz+zx)^5(xyz)^2+167244(x+y+z)^6(xy+yz+zx)^5(xyz)^3+42630(x+y+z)^3(xy+yz+zx)^5(xyz)^4+630(xy+yz+zx)^5(xyz)^5-10948(x+y+z)^{13}(xy+yz+zx)^6-80080(x+y+z)^{10}(xy+yz+zx)^6(xyz)-156156(x+y+z)^7(xy+yz+zx)^6(xyz)^2-78540(x+y+z)^4(xy+yz+zx)^6(xyz)^3-4746(x+y+z)(xy+yz+zx)^6(xyz)^4+16744(x+y+z)^{11}(xy+yz+zx)^7+78507(x+y+z)^8(xy+yz+zx)^7(xyz)+81180(x+y+z)^5(xy+yz+zx)^7(xyz)^2+13620(x+y+z)^2(xy+yz+zx)^7(xyz)^3
\end{aligned}$$

$$\begin{aligned}
& y+z)^2(xy+yz+zx)^7(xyz)^3 - 16445(x+y+z)^9(xy+yz+zx)^8 - 44187(x+y+z)^6(xy+yz+zx)^8(xyz) - 18810(x+y+z)^3(xy+yz+zx)^8(xyz)^2 - \\
& 375(xy+yz+zx)^8(xyz)^3 + 9867(x+y+z)^7(xy+yz+zx)^9 + 12595(x+y+z)^4(xy+yz+zx)^9(xyz) + 1255(x+y+z)(xy+yz+zx)^9(xyz)^2 - 3289(x+y+z)^5(xy+yz+zx)^{10} - 1386(x+y+z)^2(xy+yz+zx)^{10}(xyz) + 506(x+y+z)^3(xy+yz+zx)^{11} + 25(xy+yz+zx)^{11}(xyz) - 23(x+y+z)(xy+yz+zx)^{12}
\end{aligned}$$

$$\begin{aligned}
s(25, 0, 0) = & +(x+y+z)^{25} + 25(x+y+z)^{22}(xyz) + 250(x+y+z)^{19}(xyz)^2 + 1275(x+y+z)^{16}(xyz)^3 + 3500(x+y+z)^{13}(xyz)^4 + 5005(x+y+z)^{10}(xyz)^5 + 3300(x+y+z)^7(xyz)^6 + 750(x+y+z)^4(xyz)^7 + 25(x+y+z)(xyz)^8 - 25(x+y+z)^{23}(xy+yz+zx) - 525(x+y+z)^{20}(xy+yz+zx)(xyz) - 4275(x+y+z)^{17}(xy+yz+zx)(xyz)^2 - 17000(x+y+z)^{14}(xy+yz+zx)(xyz)^3 - 34125(x+y+z)^{11}(xy+yz+zx)(xyz)^4 - 32175(x+y+z)^8(xy+yz+zx)(xyz)^5 - 11550(x+y+z)^5(xy+yz+zx)(xyz)^6 - 900(x+y+z)^2(xy+yz+zx)(xyz)^7 + 275(x+y+z)^{21}(xy+yz+zx)^2 + 4750(x+y+z)^{18}(xy+yz+zx)^2(xyz) + 30600(x+y+z)^{15}(xy+yz+zx)^2(xyz)^2 + 91000(x+y+z)^{12}(xy+yz+zx)^2(xyz)^3 + 125125(x+y+z)^9(xy+yz+zx)^2(xyz)^4 + 69300(x+y+z)^6(xy+yz+zx)^2(xyz)^5 + 10500(x+y+z)^3(xy+yz+zx)^2(xyz)^6 + 100(xy+yz+zx)^2(xyz)^7 - 1750(x+y+z)^{19}(xy+yz+zx)^3 - 24225(x+y+z)^{16}(xy+yz+zx)^3(xyz) - 119000(x+y+z)^{13}(xy+yz+zx)^3(xyz)^2 - 250250(x+y+z)^{10}(xy+yz+zx)^3(xyz)^3 - 214500(x+y+z)^7(xy+yz+zx)^3(xyz)^4 - 57750(x+y+z)^4(xy+yz+zx)^3(xyz)^5 - 2100(x+y+z)(xy+yz+zx)^3(xyz)^6 + 7125(x+y+z)^{17}(xy+yz+zx)^4 + 76500(x+y+z)^{14}(xy+yz+zx)^4(xyz) + 273000(x+y+z)^{11}(xy+yz+zx)^4(xyz)^2 + 375375(x+y+z)^8(xy+yz+zx)^4(xyz)^3 + 173250(x+y+z)^5(xy+yz+zx)^4(xyz)^4 + 15750(x+y+z)^2(xy+yz+zx)^4(xyz)^5 - 19380(x+y+z)^{15}(xy+yz+zx)^5 - 154700(x+y+z)^{12}(xy+yz+zx)^5(xyz) - 375375(x+y+z)^9(xy+yz+zx)^5(xyz)^2 - 300300(x+y+z)^6(xy+yz+zx)^5(xyz)^3 - 57750(x+y+z)^3(xy+yz+zx)^5(xyz)^4 - 630(xy+yz+zx)^5(xyz)^5 + 35700(x+y+z)^{13}(xy+yz+zx)^6 + 200200(x+y+z)^{10}(xy+yz+zx)^6(xyz) + 300300(x+y+z)^7(xy+yz+zx)^6(xyz)^2 + 115500(x+y+z)^4(xy+yz+zx)^6(xyz)^3 + 5250(x+y+z)(xy+yz+zx)^6(xyz)^4 - 44200(x+y+z)^{11}(xy+yz+zx)^7 - 160875(x+y+z)^8(xy+yz+zx)^7(xyz) - 128700(x+y+z)^5(xy+yz+zx)^7(xyz)^2 - 16500(x+y+z)^2(xy+yz+zx)^7(xyz)^3 + 35750(x+y+z)^9(xy+yz+zx)^8 + 75075(x+y+z)^6(xy+yz+zx)^8(xyz) + 24750(x+y+z)^3(xy+yz+zx)^8(xyz)^2 + 375(xy+yz+zx)^8(xyz)^3 - 17875(x+y+z)^7(xy+yz+zx)^9 - 17875(x+y+z)
\end{aligned}$$

$$z)^4(xy+yz+zx)^9(xyz) - 1375(x+y+z)(xy+yz+zx)^9(xyz)^2 + 5005(x+y+z)^5(xy+yz+zx)^{10} + 1650(x+y+z)^2(xy+yz+zx)^{10}(xyz) - 650(x+y+z)^3(xy+yz+zx)^{11} - 25(xy+yz+zx)^{11}(xyz) + 25(x+y+z)(xy+yz+zx)^{12}$$

$$s(13, 13, 0) = -13(x+y+z)^5(xyz)^7 + 26(x+y+z)^2(xyz)^8 + 13(x+y+z)^6(xy+yz+zx)(xyz)^6 - 130(x+y+z)^3(xy+yz+zx)(xyz)^7 + 13(xy+yz+zx)(xyz)^8 + 195(x+y+z)^4(xy+yz+zx)^2(xyz)^6 - 130(x+y+z)(xy+yz+zx)^2(xyz)^7 - 91(x+y+z)^5(xy+yz+zx)^3(xyz)^5 + 390(x+y+z)^2(xy+yz+zx)^3(xyz)^6 - 455(x+y+z)^3(xy+yz+zx)^4(xyz)^5 + 65(xy+yz+zx)^4(xyz)^6 + 182(x+y+z)^4(xy+yz+zx)^5(xyz)^4 - 273(x+y+z)(xy+yz+zx)^5(xyz)^5 + 364(x+y+z)^2(xy+yz+zx)^6(xyz)^4 - 156(x+y+z)^3(xy+yz+zx)^7(xyz)^3 + 52(xy+yz+zx)^7(xyz)^4 - 117(x+y+z)(xy+yz+zx)^8(xyz)^3 + 65(x+y+z)^2(xy+yz+zx)^9(xyz)^2 + 13(xy+yz+zx)^{10}(xyz)^2 - 13(x+y+z)(xy+yz+zx)^{11}(xyz) + (xy+yz+zx)^{13}$$

$$s(14, 12, 0) = +2(x+y+z)^8(xyz)^6 - 22(x+y+z)^5(xyz)^7 - 12(x+y+z)^2(xyz)^8 + 56(x+y+z)^6(xy+yz+zx)(xyz)^6 + 40(x+y+z)^3(xy+yz+zx)(xyz)^7 - 16(xy+yz+zx)(xyz)^8 - 36(x+y+z)^7(xy+yz+zx)^2(xyz)^5 + 35(x+y+z)^4(xy+yz+zx)^2(xyz)^6 + 156(x+y+z)(xy+yz+zx)^2(xyz)^7 - 168(x+y+z)^5(xy+yz+zx)^3(xyz)^5 - 420(x+y+z)^2(xy+yz+zx)^3(xyz)^6 + 105(x+y+z)^6(xy+yz+zx)^4(xyz)^4 + 350(x+y+z)^3(xy+yz+zx)^4(xyz)^5 - 105(xy+yz+zx)^4(xyz)^6 + 42(x+y+z)^4(xy+yz+zx)^5(xyz)^4 + 420(x+y+z)(xy+yz+zx)^5(xyz)^5 - 112(x+y+z)^5(xy+yz+zx)^6(xyz)^3 - 497(x+y+z)^2(xy+yz+zx)^6(xyz)^4 + 128(x+y+z)^3(xy+yz+zx)^7(xyz)^3 - 94(xy+yz+zx)^7(xyz)^4 + 54(x+y+z)^4(xy+yz+zx)^8(xyz)^2 + 202(x+y+z)(xy+yz+zx)^8(xyz)^3 - 96(x+y+z)^2(xy+yz+zx)^9(xyz)^2 - 12(x+y+z)^3(xy+yz+zx)^{10}(xyz) - 25(xy+yz+zx)^{10}(xyz)^2 + 24(x+y+z)(xy+yz+zx)^{11}(xyz) + (x+y+z)^2(xy+yz+zx)^{12} - 2(xy+yz+zx)^{13}$$

$$s(15, 11, 0) = +11(x+y+z)^8(xyz)^6 + 33(x+y+z)^5(xyz)^7 - 51(x+y+z)^2(xyz)^8 - 11(x+y+z)^9(xy+yz+zx)(xyz)^5 - 22(x+y+z)^6(xy+yz+zx)(xyz)^6 + 315(x+y+z)^3(xy+yz+zx)(xyz)^7 - 7(xy+yz+zx)(xyz)^8 - 66(x+y+z)^7(xy+yz+zx)^2(xyz)^5 - 660(x+y+z)^4(xy+yz+zx)^2(xyz)^6 + 87(x+y+z)(xy+yz+zx)^2(xyz)^7 + 55(x+y+z)^8(xy+yz+zx)^3(xyz)^4 + 528(x+y+z)^5(xy+yz+zx)^3(xyz)^5 - 410(x+y+z)^2(xy+yz+zx)^3(xyz)^6 - 55(x+y+z)^6(xy+yz+zx)^4(xyz)^4 + 880(x+y+z)^3(xy+yz+zx)^4(xyz)^5 + 37(xy+yz+zx)^4(xyz)^6 - 77(x+y+z)^7(xy+yz+zx)^5(xyz)^3 - 825(x+y+z)$$

$$\begin{aligned}
& z)^4(xy+yz+zx)^5(xyz)^4 - 81(x+y+z)(xy+yz+zx)^5(xyz)^5 + 231(x+y+z)^5(xy+yz+zx)^6(xyz)^3 - 110(x+y+z)^2(xy+yz+zx)^6(xyz)^4 + 44(x+y+z)^6(xy+yz+zx)^7(xyz)^2 + 330(x+y+z)^3(xy+yz+zx)^7(xyz)^3 + 65(xy+yz+zx)^7(xyz)^4 - 165(x+y+z)^4(xy+yz+zx)^8(xyz)^2 - 110(x+y+z)(xy+yz+zx)^8(xyz)^3 - 11(x+y+z)^5(xy+yz+zx)^9(xyz) + 44(x+y+z)^3(xy+yz+zx)^{10}(xyz) + 22(xy+yz+zx)^{10}(xyz)^2 + (x+y+z)^4(xy+yz+zx)^{11} - 18(x+y+z)(xy+yz+zx)^{11}(xyz) - 4(x+y+z)^2(xy+yz+zx)^{12} + 2(xy+yz+zx)^{13}
\end{aligned}$$

$$\begin{aligned}
s(16, 10, 0) = & -2(x+y+z)^{11}(xyz)^5 + 3(x+y+z)^8(xyz)^6 + 84(x+y+z)^5(xyz)^7 + 43(x+y+z)^2(xyz)^8 - 28(x+y+z)^9(xy+yz+zx)(xyz)^5 - 296(x+y+z)^6(xy+yz+zx)(xyz)^6 - 240(x+y+z)^3(xy+yz+zx)(xyz)^7 + 26(xy+yz+zx)(xyz)^8 + 25(x+y+z)^{10}(xy+yz+zx)^2(xyz)^4 + 312(x+y+z)^7(xy+yz+zx)^2(xyz)^5 + 270(x+y+z)^4(xy+yz+zx)^2(xyz)^6 - 296(x+y+z)(xy+yz+zx)^2(xyz)^7 - 50(x+y+z)^8(xy+yz+zx)^3(xyz)^4 + 304(x+y+z)^5(xy+yz+zx)^3(xyz)^5 + 1080(x+y+z)^2(xy+yz+zx)^3(xyz)^6 - 50(x+y+z)^9(xy+yz+zx)^4(xyz)^3 - 650(x+y+z)^6(xy+yz+zx)^4(xyz)^4 - 1660(x+y+z)^3(xy+yz+zx)^4(xyz)^5 + 54(xy+yz+zx)^4(xyz)^6 + 240(x+y+z)^7(xy+yz+zx)^5(xyz)^3 + 940(x+y+z)^4(xy+yz+zx)^5(xyz)^4 - 360(x+y+z)(xy+yz+zx)^5(xyz)^5 + 35(x+y+z)^8(xy+yz+zx)^6(xyz)^2 + 120(x+y+z)^5(xy+yz+zx)^6(xyz)^3 + 850(x+y+z)^2(xy+yz+zx)^6(xyz)^4 - 200(x+y+z)^6(xy+yz+zx)^7(xyz)^2 - 800(x+y+z)^3(xy+yz+zx)^7(xyz)^3 - 20(xy+yz+zx)^7(xyz)^4 - 10(x+y+z)^7(xy+yz+zx)^8(xyz) + 195(x+y+z)^4(xy+yz+zx)^8(xyz)^2 - 30(x+y+z)(xy+yz+zx)^8(xyz)^3 + 60(x+y+z)^5(xy+yz+zx)^9(xyz) + 140(x+y+z)^2(xy+yz+zx)^9(xyz)^2 + (x+y+z)^6(xy+yz+zx)^{10} - 84(x+y+z)^3(xy+yz+zx)^{10}(xyz) - 17(xy+yz+zx)^{10}(xyz)^2 - 6(x+y+z)^4(xy+yz+zx)^{11} + 8(x+y+z)(xy+yz+zx)^{11}(xyz) + 9(x+y+z)^2(xy+yz+zx)^{12} - 2(xy+yz+zx)^{13}
\end{aligned}$$

$$\begin{aligned}
s(17, 9, 0) = & -9(x+y+z)^{11}(xyz)^5 - 69(x+y+z)^8(xyz)^6 - 84(x+y+z)^5(xyz)^7 + 36(x+y+z)^2(xyz)^8 + 9(x+y+z)^{12}(xy+yz+zx)(xyz)^4 + 117(x+y+z)^9(xy+yz+zx)(xyz)^5 + 156(x+y+z)^6(xy+yz+zx)(xyz)^6 - 348(x+y+z)^3(xy+yz+zx)(xyz)^7 - 25(xy+yz+zx)(xyz)^8 - 18(x+y+z)^{10}(xy+yz+zx)^2(xyz)^4 + 180(x+y+z)^7(xy+yz+zx)^2(xyz)^5 + 1284(x+y+z)^4(xy+yz+zx)^2(xyz)^6 + 288(x+y+z)(xy+yz+zx)^2(xyz)^7 - 30(x+y+z)^{11}(xy+yz+zx)^3(xyz)^3 - 474(x+y+z)^8(xy+yz+zx)^3(xyz)^4 - 2124(x+y+z)^5(xy+yz+zx)^3(xyz)^5 - 912(x+y+z)^2(xy+yz+zx)^3(xyz)^6 + 195(x+y+z)^9(xy+yz+zx)^4(xyz)^3 + 1392(x+y+z)^6(xy+yz+zx)^4(xyz)^4 +
\end{aligned}$$

$$\begin{aligned}
& 834(x+y+z)^3(xy+yz+zx)^4(xyz)^5 - 138(xy+yz+zx)^4(xyz)^6 + 27(x+y+z)^{10}(xy+yz+zx)^5(xyz)^2 - 24(x+y+z)^7(xy+yz+zx)^5(xyz)^3 + 558(x+y+z)^4(xy+yz+zx)^5(xyz)^4 + 738(x+y+z)(xy+yz+zx)^5(xyz)^5 - 207(x+y+z)^8(xy+yz+zx)^6(xyz)^2 - 1212(x+y+z)^5(xy+yz+zx)^6(xyz)^3 - 1368(x+y+z)^2(xy+yz+zx)^6(xyz)^4 - 9(x+y+z)^9(xy+yz+zx)^7(xyz) + 396(x+y+z)^6(xy+yz+zx)^7(xyz)^2 + 912(x+y+z)^3(xy+yz+zx)^7(xyz)^3 - 36(xy+yz+zx)^7(xyz)^4 + 72(x+y+z)^7(xy+yz+zx)^8(xyz) + 36(x+y+z)^4(xy+yz+zx)^8(xyz)^2 + 198(x+y+z)(xy+yz+zx)^8(xyz)^3 + (x+y+z)^8(xy+yz+zx)^9 - 172(x+y+z)^5(xy+yz+zx)^9(xyz) - 294(x+y+z)^2(xy+yz+zx)^9(xyz)^2 - 8(x+y+z)^6(xy+yz+zx)^{10} + 112(x+y+z)^3(xy+yz+zx)^{10}(xyz) + 10(xy+yz+zx)^{10}(xyz)^2 + 20(x+y+z)^4(xy+yz+zx)^{11} + 6(x+y+z)(xy+yz+zx)^{11}(xyz) - 16(x+y+z)^2(xy+yz+zx)^{12} + 2(xy+yz+zx)^{13}
\end{aligned}$$

$$\begin{aligned}
s(18, 8, 0) = & +2(x+y+z)^{14}(xyz)^4 + 12(x+y+z)^{11}(xyz)^5 - 30(x+y+z)^8(xyz)^6 - 180(x+y+z)^5(xyz)^7 - 81(x+y+z)^2(xyz)^8 + 4(x+y+z)^{12}(xy+yz+zx)(xyz)^4 + 200(x+y+z)^9(xy+yz+zx)(xyz)^5 + 960(x+y+z)^6(xy+yz+zx)(xyz)^6 + 720(x+y+z)^3(xy+yz+zx)(xyz)^7 + 2(xy+yz+zx)(xyz)^8 - 16(x+y+z)^{13}(xy+yz+zx)^2(xyz)^3 - 318(x+y+z)^{10}(xy+yz+zx)^2(xyz)^4 - 1800(x+y+z)^7(xy+yz+zx)^2(xyz)^5 - 2070(x+y+z)^4(xy+yz+zx)^2(xyz)^6 + 128(x+y+z)^{11}(xy+yz+zx)^3(xyz)^3 + 1260(x+y+z)^8(xy+yz+zx)^3(xyz)^4 + 2160(x+y+z)^5(xy+yz+zx)^3(xyz)^5 - 360(x+y+z)^2(xy+yz+zx)^3(xyz)^6 + 20(x+y+z)^{12}(xy+yz+zx)^4(xyz)^2 - 40(x+y+z)^9(xy+yz+zx)^4(xyz)^3 + 90(x+y+z)^6(xy+yz+zx)^4(xyz)^4 + 1920(x+y+z)^3(xy+yz+zx)^4(xyz)^5 + 180(xy+yz+zx)^4(xyz)^6 - 192(x+y+z)^{10}(xy+yz+zx)^5(xyz)^2 - 1440(x+y+z)^7(xy+yz+zx)^5(xyz)^3 - 3564(x+y+z)^4(xy+yz+zx)^5(xyz)^4 - 864(x+y+z)(xy+yz+zx)^5(xyz)^5 - 8(x+y+z)^{11}(xy+yz+zx)^6(xyz) + 540(x+y+z)^8(xy+yz+zx)^6(xyz)^2 + 2520(x+y+z)^5(xy+yz+zx)^6(xyz)^3 + 1272(x+y+z)^2(xy+yz+zx)^6(xyz)^4 + 80(x+y+z)^9(xy+yz+zx)^7(xyz) - 240(x+y+z)^6(xy+yz+zx)^7(xyz)^2 - 288(x+y+z)^3(xy+yz+zx)^7(xyz)^3 + 96(xy+yz+zx)^7(xyz)^4 + (x+y+z)^{10}(xy+yz+zx)^8 - 270(x+y+z)^7(xy+yz+zx)^8(xyz) - 675(x+y+z)^4(xy+yz+zx)^8(xyz)^2 - 366(x+y+z)(xy+yz+zx)^8(xyz)^3 - 10(x+y+z)^8(xy+yz+zx)^9 + 340(x+y+z)^5(xy+yz+zx)^9(xyz) + 420(x+y+z)^2(xy+yz+zx)^9(xyz)^2 + 35(x+y+z)^6(xy+yz+zx)^{10} - 100(x+y+z)^3(xy+yz+zx)^{10}(xyz) - (xy+yz+zx)^{10}(xyz)^2 - 50(x+y+z)^4(xy+yz+zx)^{11} - 24(x+y+z)(xy+yz+zx)^{11}(xyz) + 25(x+y+z)^2(xy+yz+zx)^{12} - 2(xy+yz+zx)^{13}
\end{aligned}$$

$$\begin{aligned}
s(19, 7, 0) = & +7(x+y+z)^{14}(xyz)^4 + 84(x+y+z)^{11}(xyz)^5 + 294(x+y+z)^8(xyz)^6 + 279(x+y+z)^5(xyz)^7 + 16(x+y+z)^2(xyz)^8 - 7(x+y+z)^{15}(xy+yz+zx)(xyz)^3 - 161(x+y+z)^{12}(xy+yz+zx)(xyz)^4 - 882(x+y+z)^9(xy+yz+zx)(xyz)^5 - 1246(x+y+z)^6(xy+yz+zx)(xyz)^6 - 72(x+y+z)^3(xy+yz+zx)(xyz)^7 + 26(xy+yz+zx)(xyz)^8 + 63(x+y+z)^{13}(xy+yz+zx)^2(xyz)^3 + 714(x+y+z)^{10}(xy+yz+zx)^2(xyz)^4 + 1470(x+y+z)^7(xy+yz+zx)^2(xyz)^5 - 504(x+y+z)^4(xy+yz+zx)^2(xyz)^6 - 404(x+y+z)(xy+yz+zx)^2(xyz)^7 + 14(x+y+z)^{14}(xy+yz+zx)^3(xyz)^2 + 42(x+y+z)^{11}(xy+yz+zx)^3(xyz)^3 + 434(x+y+z)^8(xy+yz+zx)^3(xyz)^4 + 3164(x+y+z)^5(xy+yz+zx)^3(xyz)^5 + 2142(x+y+z)^2(xy+yz+zx)^3(xyz)^6 - 161(x+y+z)^{12}(xy+yz+zx)^4(xyz)^2 - 1610(x+y+z)^9(xy+yz+zx)^4(xyz)^3 - 5887(x+y+z)^6(xy+yz+zx)^4(xyz)^4 - 5264(x+y+z)^3(xy+yz+zx)^4(xyz)^5 - 147(xy+yz+zx)^4(xyz)^6 - 7(x+y+z)^{13}(xy+yz+zx)^5(xyz) + 588(x+y+z)^{10}(xy+yz+zx)^5(xyz)^2 + 4179(x+y+z)^7(xy+yz+zx)^5(xyz)^3 + 6083(x+y+z)^4(xy+yz+zx)^5(xyz)^4 + 567(x+y+z)(xy+yz+zx)^5(xyz)^5 + 84(x+y+z)^{11}(xy+yz+zx)^6(xyz) - 518(x+y+z)^8(xy+yz+zx)^6(xyz)^2 - 2289(x+y+z)^5(xy+yz+zx)^6(xyz)^3 - 238(x+y+z)^2(xy+yz+zx)^6(xyz)^4 + (x+y+z)^{12}(xy+yz+zx)^7 - 366(x+y+z)^9(xy+yz+zx)^7(xyz) - 1036(x+y+z)^6(xy+yz+zx)^7(xyz)^2 - 1318(x+y+z)^3(xy+yz+zx)^7(xyz)^3 - 151(xy+yz+zx)^7(xyz)^4 - 12(x+y+z)^{10}(xy+yz+zx)^8 + 688(x+y+z)^7(xy+yz+zx)^8(xyz) + 1731(x+y+z)^4(xy+yz+zx)^8(xyz)^2 + 498(x+y+z)(xy+yz+zx)^8(xyz)^3 + 54(x+y+z)^8(xy+yz+zx)^9 - 483(x+y+z)^5(xy+yz+zx)^9(xyz) - 464(x+y+z)^2(xy+yz+zx)^9(xyz)^2 - 112(x+y+z)^6(xy+yz+zx)^{10} + 12(x+y+z)^3(xy+yz+zx)^{10}(xyz) - 10(xy+yz+zx)^{10}(xyz)^2 + 105(x+y+z)^4(xy+yz+zx)^{11} + 46(x+y+z)(xy+yz+zx)^{11}(xyz) - 36(x+y+z)^2(xy+yz+zx)^{12} + 2(xy+yz+zx)^{13}
\end{aligned}$$

$$\begin{aligned}
s(20, 6, 0) = & -2(x+y+z)^{17}(xyz)^3 - 25(x+y+z)^{14}(xyz)^4 - 84(x+y+z)^{11}(xyz)^5 - 8(x+y+z)^8(xyz)^6 + 216(x+y+z)^5(xyz)^7 + 93(x+y+z)^2(xyz)^8 + 16(x+y+z)^{15}(xy+yz+zx)(xyz)^3 + 70(x+y+z)^{12}(xy+yz+zx)(xyz)^4 - 392(x+y+z)^9(xy+yz+zx)(xyz)^5 - 1784(x+y+z)^6(xy+yz+zx)(xyz)^6 - 1200(x+y+z)^3(xy+yz+zx)(xyz)^7 - 34(xy+yz+zx)(xyz)^8 + 9(x+y+z)^{16}(xy+yz+zx)^2(xyz)^2 + 140(x+y+z)^{13}(xy+yz+zx)^2(xyz)^3 + 1470(x+y+z)^{10}(xy+yz+zx)^2(xyz)^4 + 5628(x+y+z)^7(xy+yz+zx)^2(xyz)^5 + 5580(x+y+z)^4(xy+yz+zx)^2(xyz)^6 + 564(x+y+z)(xy+yz+zx)^2(xyz)^7 - 120(x+y+z)^{14}(xy+yz+zx)^3(xyz)^2 - 1680(x+y+z)^{11}(xy+yz+zx)^3(xyz)^3 - 1680(x+y+z)^8(xy+yz+zx)^3(xyz)^4 - 1680(x+y+z)^5(xy+yz+zx)^3(xyz)^5 - 1680(x+y+z)^2(xy+yz+zx)^3(xyz)^6 - 1680(xy+yz+zx)^3
\end{aligned}$$

$$\begin{aligned}
& y+z)^{11}(xy+yz+zx)^3(xyz)^3 - 8260(x+y+z)^8(xy+yz+zx)^3(xyz)^4 - \\
& 12264(x+y+z)^5(xy+yz+zx)^3(xyz)^5 - 2840(x+y+z)^2(xy+yz+ \\
& zx)^3(xyz)^6 - 6(x+y+z)^{15}(xy+yz+zx)^4(xyz) + 525(x+y+z)^{12}(xy+yz+ \\
& zx)^4(xyz)^2 + 5250(x+y+z)^9(xy+yz+zx)^4(xyz)^3 + 12985(x+y+z)^6(xy+ \\
& yz+zx)^4(xyz)^4 + 5810(x+y+z)^3(xy+yz+zx)^4(xyz)^5 + 19(xy+yz+ \\
& zx)^4(xyz)^6 + 84(x+y+z)^{13}(xy+yz+zx)^5(xyz) - 588(x+y+z)^{10}(xy+yz+ \\
& zx)^5(xyz)^2 - 4816(x+y+z)^7(xy+yz+zx)^5(xyz)^3 - 3990(x+y+z)^4(xy+ \\
& yz+zx)^5(xyz)^4 + 252(x+y+z)(xy+yz+zx)^5(xyz)^5 + (x+y+z)^{14}(xy+ \\
& yz+zx)^6 - 448(x+y+z)^{11}(xy+yz+zx)^6(xyz) - 1575(x+y+z)^8(xy+yz+ \\
& zx)^6(xyz)^2 - 2352(x+y+z)^5(xy+yz+zx)^6(xyz)^3 - 1855(x+y+z)^2(xy+ \\
& yz+zx)^6(xyz)^4 - 14(x+y+z)^{12}(xy+yz+zx)^7 + 1120(x+y+z)^9(xy+yz+ \\
& zx)^7(xyz) + 4312(x+y+z)^6(xy+yz+zx)^7(xyz)^2 + 3840(x+y+z)^3(xy+ \\
& yz+zx)^7(xyz)^3 + 190(xy+yz+zx)^7(xyz)^4 + 77(x+y+z)^{10}(xy+yz+zx)^8 - \\
& 1260(x+y+z)^7(xy+yz+zx)^8(xyz) - 2940(x+y+z)^4(xy+yz+zx)^8(xyz)^2 - \\
& 550(x+y+z)(xy+yz+zx)^8(xyz)^3 - 210(x+y+z)^8(xy+yz+zx)^9 + \\
& 392(x+y+z)^5(xy+yz+zx)^9(xyz) + 360(x+y+z)^2(xy+yz+zx)^9(xyz)^2 + \\
& 294(x+y+z)^6(xy+yz+zx)^{10} + 196(x+y+z)^3(xy+yz+zx)^{10}(xyz) + \\
& 23(xy+yz+zx)^{10}(xyz)^2 - 196(x+y+z)^4(xy+yz+zx)^{11} - 72(x+y+ \\
& z)(xy+yz+zx)^{11}(xyz) + 49(x+y+z)^2(xy+yz+zx)^{12} - 2(xy+yz+zx)^{13}
\end{aligned}$$

$$\begin{aligned}
& s(21, 5, 0) = -5(x+y+z)^{17}(xyz)^3 - 80(x+y+z)^{14}(xyz)^4 - 441(x+y+ \\
& z)^{11}(xyz)^5 - 971(x+y+z)^8(xyz)^6 - 733(x+y+z)^5(xyz)^7 - 102(x+y+ \\
& z)^2(xyz)^8 + 5(x+y+z)^{18}(xy+yz+zx)(xyz)^2 + 160(x+y+z)^{15}(xy+yz+ \\
& zx)(xyz)^3 + 1400(x+y+z)^{12}(xy+yz+zx)(xyz)^4 + 4571(x+y+z)^9(xy+yz+ \\
& zx)(xyz)^5 + 5257(x+y+z)^6(xy+yz+zx)(xyz)^6 + 1390(x+y+z)^3(xy+yz+ \\
& zx)(xyz)^7 + 11(xy+yz+zx)(xyz)^8 - 75(x+y+z)^{16}(xy+yz+zx)^2(xyz)^2 - \\
& 1400(x+y+z)^{13}(xy+yz+zx)^2(xyz)^3 - 7560(x+y+z)^{10}(xy+yz+ \\
& zx)^2(xyz)^4 - 13644(x+y+z)^7(xy+yz+zx)^2(xyz)^5 - 6265(x+y+z)^4(xy+ \\
& yz+zx)^2(xyz)^6 - 186(x+y+z)(xy+yz+zx)^2(xyz)^7 - 5(x+y+z)^{17}(xy+yz+ \\
& zx)^3(xyz) + 360(x+y+z)^{14}(xy+yz+zx)^3(xyz)^2 + 4760(x+y+z)^{11}(xy+ \\
& yz+zx)^3(xyz)^3 + 15120(x+y+z)^8(xy+yz+zx)^3(xyz)^4 + 11697(x+y+ \\
& z)^5(xy+yz+zx)^3(xyz)^5 + 630(x+y+z)^2(xy+yz+zx)^3(xyz)^6 + 80(x+y+ \\
& z)^{15}(xy+yz+zx)^4(xyz) - 280(x+y+z)^{12}(xy+yz+zx)^4(xyz)^2 - 4900(x+ \\
& y+z)^9(xy+yz+zx)^4(xyz)^3 - 6720(x+y+z)^6(xy+yz+zx)^4(xyz)^4 + 945(x+ \\
& y+z)^3(xy+yz+zx)^4(xyz)^5 + 189(xy+yz+zx)^4(xyz)^6 + (x+y+z)^{16}(xy+ \\
& yz+zx)^5 - 504(x+y+z)^{13}(xy+yz+zx)^5(xyz) - 2772(x+y+z)^{10}(xy+yz+
\end{aligned}$$

$$\begin{aligned}
&zx)^5(xyz)^2 - 6048(x+y+z)^7(xy+yz+zx)^5(xyz)^3 - 7980(x+y+z)^4(xy+ \\
&yz+zx)^5(xyz)^4 - 1533(x+y+z)(xy+yz+zx)^5(xyz)^5 - 16(x+y+z)^{14}(xy+ \\
&yz+zx)^6 + 1568(x+y+z)^{11}(xy+yz+zx)^6(xyz) + 8820(x+y+z)^8(xy+yz+ \\
&zx)^6(xyz)^2 + 14224(x+y+z)^5(xy+yz+zx)^6(xyz)^3 + 4760(x+y+z)^2(xy+ \\
&yz+zx)^6(xyz)^4 + 104(x+y+z)^{12}(xy+yz+zx)^7 - 2420(x+y+z)^9(xy+yz+ \\
&zx)^7(xyz) - 9744(x+y+z)^6(xy+yz+zx)^7(xyz)^2 - 6680(x+y+z)^3(xy+ \\
&yz+zx)^7(xyz)^3 - 200(xy+yz+zx)^7(xyz)^4 - 352(x+y+z)^{10}(xy+yz+zx)^8 + \\
&1440(x+y+z)^7(xy+yz+zx)^8(xyz) + 3600(x+y+z)^4(xy+yz+zx)^8(xyz)^2 + \\
&470(x+y+z)(xy+yz+zx)^8(xyz)^3 + 660(x+y+z)^8(xy+yz+zx)^9 + \\
&336(x+y+z)^5(xy+yz+zx)^9(xyz) - 30(x+y+z)^2(xy+yz+zx)^9(xyz)^2 - \\
&672(x+y+z)^6(xy+yz+zx)^{10} - 576(x+y+z)^3(xy+yz+zx)^{10}(xyz) - \\
&38(xy+yz+zx)^{10}(xyz)^2 + 336(x+y+z)^4(xy+yz+zx)^{11} + 102(x+y+ \\
&z)(xy+yz+zx)^{11}(xyz) - 64(x+y+z)^2(xy+yz+zx)^{12} + 2(xy+yz+zx)^{13}
\end{aligned}$$

$$\begin{aligned}
s(22, 4, 0) = &+2(x+y+z)^{20}(xyz)^2 + 36(x+y+z)^{17}(xyz)^3 + 233(x+y+ \\
&z)^{14}(xyz)^4 + 646(x+y+z)^{11}(xyz)^5 + 693(x+y+z)^8(xyz)^6 + 154(x+y+ \\
&z)^5(xyz)^7 - 29(x+y+z)^2(xyz)^8 - 32(x+y+z)^{18}(xy+yz+zx)(xyz)^2 - \\
&432(x+y+z)^{15}(xy+yz+zx)(xyz)^3 - 1894(x+y+z)^{12}(xy+yz+zx)(xyz)^4 - \\
&2860(x+y+z)^9(xy+yz+zx)(xyz)^5 - 616(x+y+z)^6(xy+yz+zx)(xyz)^6 + \\
&568(x+y+z)^3(xy+yz+zx)(xyz)^7 + 26(xy+yz+zx)(xyz)^8 - 4(x+y+ \\
&z)^{19}(xy+yz+zx)^2(xyz) + 126(x+y+z)^{16}(xy+yz+zx)^2(xyz)^2 + 1332(x+y+ \\
&z)^{13}(xy+yz+zx)^2(xyz)^3 + 2761(x+y+z)^{10}(xy+yz+zx)^2(xyz)^4 - 1584(x+ \\
&y+z)^7(xy+yz+zx)^2(xyz)^5 - 4389(x+y+z)^4(xy+yz+zx)^2(xyz)^6 - 584(x+ \\
&y+z)(xy+yz+zx)^2(xyz)^7 + 72(x+y+z)^{17}(xy+yz+zx)^3(xyz) + 456(x+ \\
&y+z)^{14}(xy+yz+zx)^3(xyz)^2 + 2448(x+y+z)^{11}(xy+yz+zx)^3(xyz)^3 + \\
&11550(x+y+z)^8(xy+yz+zx)^3(xyz)^4 + 17248(x+y+z)^5(xy+yz+ \\
&zx)^3(xyz)^5 + 4452(x+y+z)^2(xy+yz+zx)^3(xyz)^6 + (x+y+z)^{18}(xy+yz+ \\
&zx)^4 - 522(x+y+z)^{15}(xy+yz+zx)^4(xyz) - 5109(x+y+z)^{12}(xy+yz+ \\
&zx)^4(xyz)^2 - 21450(x+y+z)^9(xy+yz+zx)^4(xyz)^3 - 36960(x+y+z)^6(xy+ \\
&yz+zx)^4(xyz)^4 - 16324(x+y+z)^3(xy+yz+zx)^4(xyz)^5 - 392(xy+yz+ \\
&zx)^4(xyz)^6 - 18(x+y+z)^{16}(xy+yz+zx)^5 + 1932(x+y+z)^{13}(xy+yz+ \\
&zx)^5(xyz) + 16236(x+y+z)^{10}(xy+yz+zx)^5(xyz)^2 + 42768(x+y+z)^7(xy+ \\
&yz+zx)^5(xyz)^3 + 32032(x+y+z)^4(xy+yz+zx)^5(xyz)^4 + 2856(x+y+ \\
&z)(xy+yz+zx)^5(xyz)^5 + 135(x+y+z)^{14}(xy+yz+zx)^6 - 3744(x+y+ \\
&z)^{11}(xy+yz+zx)^6(xyz) - 23661(x+y+z)^8(xy+yz+zx)^6(xyz)^2 - 33264(x+ \\
&y+z)^5(xy+yz+zx)^6(xyz)^3 - 7546(x+y+z)^2(xy+yz+zx)^6(xyz)^4 - 546(x+
\end{aligned}$$

$$\begin{aligned}
& y+z)^{12}(xy+yz+zx)^7+3168(x+y+z)^9(xy+yz+zx)^7(xyz)+15048(x+y+z)^6(xy+yz+zx)^7(xyz)^2+8448(x+y+z)^3(xy+yz+zx)^7(xyz)^3+ \\
& 164(xy+yz+zx)^7(xyz)^4+1287(x+y+z)^{10}(xy+yz+zx)^8+396(x+y+z)^7(xy+yz+zx)^8(xyz)-2376(x+y+z)^4(xy+yz+zx)^8(xyz)^2-198(x+y+z)(xy+yz+zx)^8(xyz)^3- \\
& 1782(x+y+z)^8(xy+yz+zx)^9-2376(x+y+z)^5(xy+yz+zx)^9(xyz)-616(x+y+z)^2(xy+yz+zx)^9(xyz)^2+1386(x+y+z)^6(xy+yz+zx)^{10}+ \\
& 1188(x+y+z)^3(xy+yz+zx)^{10}(xyz)+55(xy+yz+zx)^{10}(xyz)^2-540(x+y+z)^4(xy+yz+zx)^{11}-136(x+y+z)(xy+yz+zx)^{11}(xyz)+81(x+y+z)^2(xy+yz+zx)^{12}-2(xy+yz+zx)^{13}
\end{aligned}$$

$$\begin{aligned}
s(23, 3, 0) = & +3(x+y+z)^{20}(xyz)^2+59(x+y+z)^{17}(xyz)^3+433(x+y+z)^{14}(xyz)^4+1458(x+y+z)^{11}(xyz)^5+2220(x+y+z)^8(xyz)^6+1274(x+y+z)^5(xyz)^7+ \\
& 159(x+y+z)^2(xyz)^8-3(x+y+z)^{21}(xy+yz+zx)(xyz)-120(x+y+z)^{18}(xy+yz+zx)(xyz)^2-1393(x+y+z)^{15}(xy+yz+zx)(xyz)^3-6799(x+y+z)^{12}(xy+yz+zx)(xyz)^4- \\
& 14740(x+y+z)^9(xy+yz+zx)(xyz)^5-12684(x+y+z)^6(xy+yz+zx)(xyz)^6-2975(x+y+z)^3(xy+yz+zx)(xyz)^7-43(xy+yz+zx)(xyz)^8+60(x+y+z)^{19}(xy+yz+zx)^2(xyz)+ \\
& 1470(x+y+z)^{16}(xy+yz+zx)^2(xyz)^2+11641(x+y+z)^{13}(xy+yz+zx)^2(xyz)^3+37818(x+y+z)^{10}(xy+yz+zx)^2(xyz)^4+49140(x+y+z)^7(xy+yz+zx)^2(xyz)^5+ \\
& 19880(x+y+z)^4(xy+yz+zx)^2(xyz)^6+1065(x+y+z)(xy+yz+zx)^2(xyz)^7+(x+y+z)^{20}(xy+yz+zx)^3-490(x+y+z)^{17}(xy+yz+zx)^3(xyz)- \\
& 8550(x+y+z)^{14}(xy+yz+zx)^3(xyz)^2-46618(x+y+z)^{11}(xy+yz+zx)^3(xyz)^3-95370(x+y+z)^8(xy+yz+zx)^3(xyz)^4-64512(x+y+z)^5(xy+yz+zx)^3(xyz)^5- \\
& 8400(x+y+z)^2(xy+yz+zx)^3(xyz)^6-20(x+y+z)^{18}(xy+yz+zx)^4+2080(x+y+z)^{15}(xy+yz+zx)^4(xyz)+26845(x+y+z)^{12}(xy+yz+zx)^4(xyz)^2+ \\
& 96965(x+y+z)^9(xy+yz+zx)^4(xyz)^3+111930(x+y+z)^6(xy+yz+zx)^4(xyz)^4+30100(x+y+z)^3(xy+yz+zx)^4(xyz)^5+420(xy+yz+zx)^4(xyz)^6+ \\
& 170(x+y+z)^{16}(xy+yz+zx)^5-4725(x+y+z)^{13}(xy+yz+zx)^5(xyz)-46332(x+y+z)^{10}(xy+yz+zx)^5(xyz)^2-102498(x+y+z)^7(xy+yz+zx)^5(xyz)^3- \\
& 54558(x+y+z)^4(xy+yz+zx)^5(xyz)^4-3108(x+y+z)(xy+yz+zx)^5(xyz)^5-800(x+y+z)^{14}(xy+yz+zx)^6+4732(x+y+z)^{11}(xy+yz+zx)^6(xyz)+ \\
& 40590(x+y+z)^8(xy+yz+zx)^6(xyz)^2+48006(x+y+z)^5(xy+yz+zx)^6(xyz)^3+7644(x+y+z)^2(xy+yz+zx)^6(xyz)^4+2275(x+y+z)^{12}(xy+yz+zx)^7+ \\
& 1430(x+y+z)^9(xy+yz+zx)^7(xyz)-12540(x+y+z)^6(xy+yz+zx)^7(xyz)^2-6156(x+y+z)^3(xy+yz+zx)^7(xyz)^3-48(xy+yz+zx)^7(xyz)^4-4004(x+y+z)^{10}(xy+yz+zx)^8-
\end{aligned}$$

$$\begin{aligned}
& 7920(x+y+z)^7(xy+yz+zx)^8(xyz) - 2925(x+y+z)^4(xy+yz+zx)^8(xyz)^2 - \\
& 357(x+y+z)(xy+yz+zx)^8(xyz)^3 + 4290(x+y+z)^8(xy+yz+zx)^9 + \\
& 6765(x+y+z)^5(xy+yz+zx)^9(xyz) + 1680(x+y+z)^2(xy+yz+zx)^9(xyz)^2 - \\
& 2640(x+y+z)^6(xy+yz+zx)^{10} - 2100(x+y+z)^3(xy+yz+zx)^{10}(xyz) - \\
& 74(xy+yz+zx)^{10}(xyz)^2 + 825(x+y+z)^4(xy+yz+zx)^{11} + 174(x+y+z) \\
& (xy+yz+zx)^{11}(xyz) - 100(x+y+z)^2(xy+yz+zx)^{12} + 2(xy+yz+zx)^{13}
\end{aligned}$$

$$\begin{aligned}
s(24, 2, 0) = & -2(x+y+z)^{23}(xyz) - 45(x+y+z)^{20}(xyz)^2 - 394(x+y+z) \\
& (xyz)^3 - 1690(x+y+z)^{14}(xyz)^4 - 3666(x+y+z)^{11}(xyz)^5 - 3729(x+y+z) \\
& (xyz)^6 - 1428(x+y+z)^5(xyz)^7 - 114(x+y+z)^2(xyz)^8 + 44(x+y+z) \\
& (xyz)^9 + 812(x+y+z)^{18}(xy+yz+zx)(xyz)^2 + 5600(x+y+z) \\
& (xyz)^3 + 17836(x+y+z)^{12}(xy+yz+zx)(xyz)^4 + 26180(x+y+z) \\
& (xyz)^5 + 15288(x+y+z)^6(xy+yz+zx)(xyz)^6 + 2352(x+y+z) \\
& (xyz)^7 + 20(xy+yz+zx)(xyz)^8 + (x+y+z)^{22}(xy+yz+zx)^2 - 396(x+y+z) \\
& (xyz)^2 - 5967(x+y+z)^{16}(xy+yz+zx)^2(xyz) - 31360(x+y+z)^{13}(xy+yz+zx)^2(xyz)^3 - \\
& 69927(x+y+z)^{10}(xy+yz+zx)^2(xyz)^4 - 62568(x+y+z)^7(xy+yz+zx)^2(xyz)^5 - \\
& 16926(x+y+z)^4(xy+yz+zx)^2(xyz)^6 - 552(x+y+z)(xy+yz+zx)^2(xyz)^7 - \\
& 22(x+y+z)^{20}(xy+yz+zx)^3 + 1848(x+y+z)^{17}(xy+yz+zx)^3(xyz) + 22800(x+y+z) \\
& (xyz)^2 + 87360(x+y+z)^{11}(xy+yz+zx)^3(xyz)^3 + 125070(x+y+z)^8(xy+yz+zx)^3(xyz)^4 + \\
& 57456(x+y+z)^5(xy+yz+zx)^3(xyz)^5 + 4648(x+y+z)^2(xy+yz+zx)^3(xyz)^6 + 209(x+y+z) \\
& (xyz)^4 - 4488(x+y+z)^{15}(xy+yz+zx)^4(xyz) - 47320(x+y+z)^{12}(xy+yz+zx)^4(xyz)^2 - \\
& 124410(x+y+z)^9(xy+yz+zx)^4(xyz)^3 - 99330(x+y+z)^6(xy+yz+zx)^4(xyz)^4 - \\
& 16716(x+y+z)^3(xy+yz+zx)^4(xyz)^5 - 98(xy+yz+zx)^4(xyz)^6 - 1122(x+y+z) \\
& (xyz)^5 + 3696(x+y+z)^{13}(xy+yz+zx)^5(xy+yz+zx) + 48048(x+y+z)^{10}(xy+yz+zx)^5(xyz)^2 + \\
& 79728(x+y+z)^7(xy+yz+zx)^5(xyz)^3 + 26460(x+y+z)^4(xy+yz+zx)^5(xyz)^4 + 504(x+y+z) \\
& (xyz)^5 + 3740(x+y+z)^{14}(xy+yz+zx)^6 + 8008(x+y+z)^{11}(xy+yz+zx)^6(xyz) - \\
& 9009(x+y+z)^8(xy+yz+zx)^6(xyz)^2 - 9240(x+y+z)^5(xy+yz+zx)^6(xyz)^3 + \\
& 714(x+y+z)^2(xy+yz+zx)^6(xyz)^4 - 8008(x+y+z)^{12}(xy+yz+zx)^7 - 25168(x+y+z) \\
& (xyz)^7 - 23496(x+y+z)^6(xy+yz+zx)^7(xyz)^2 - 8160(x+y+z)^3(xy+yz+zx)^7(xyz)^3 - \\
& 228(xy+yz+zx)^7(xyz)^4 + 11011(x+y+z)^{10}(xy+yz+zx)^8 + 28314(x+y+z) \\
& (xyz)^8 + 17325(x+y+z)^4(xy+yz+zx)^8(xyz)^2 + 1470(x+y+z)(xy+yz+zx)^8(xyz)^3 - \\
& 9438(x+y+z)^8(xy+yz+zx)^9 - 15004(x+y+z)
\end{aligned}$$

$$\begin{aligned}
& y+z)^5(xy+yz+zx)^9(xyz) - 3420(x+y+z)^2(xy+yz+zx)^9(xyz)^2 + \\
& 4719(x+y+z)^6(xy+yz+zx)^{10} + 3388(x+y+z)^3(xy+yz+zx)^{10}(xyz) + \\
& 97(xy+yz+zx)^{10}(xyz)^2 - 1210(x+y+z)^4(xy+yz+zx)^{11} - 216(x+y+z) \\
& (xy+yz+zx)^{11}(xyz) + 121(x+y+z)^2(xy+yz+zx)^{12} - 2(xy+yz+zx)^{13}
\end{aligned}$$

$$\begin{aligned}
s(25, 1, 0) = & -(x+y+z)^{23}(xyz) - 23(x+y+z)^{20}(xyz)^2 - 207(x+y+z) \\
& z)^{17}(xyz)^3 - 920(x+y+z)^{14}(xyz)^4 - 2093(x+y+z)^{11}(xyz)^5 - 2277(x+y+z) \\
& z)^8(xyz)^6 - 966(x+y+z)^5(xyz)^7 - 92(x+y+z)^2(xyz)^8 + (x+y+z)^{24}(xy+ \\
& yz+zx) + 47(x+y+z)^{21}(xy+yz+zx)(xyz) + 665(x+y+z)^{18}(xy+yz+ \\
& zx)(xyz)^2 + 4216(x+y+z)^{15}(xy+yz+zx)(xyz)^3 + 13195(x+y+z)^{12}(xy+ \\
& yz+zx)(xyz)^4 + 19877(x+y+z)^9(xy+yz+zx)(xyz)^5 + 12474(x+y+z) \\
& z)^6(xy+yz+zx)(xyz)^6 + 2220(x+y+z)^3(xy+yz+zx)(xyz)^7 + 26(xy+ \\
& yz+zx)(xyz)^8 - 24(x+y+z)^{22}(xy+yz+zx)^2 - 710(x+y+z)^{19}(xy+yz+ \\
& zx)^2(xyz) - 7191(x+y+z)^{16}(xy+yz+zx)^2(xyz)^2 - 32760(x+y+z)^{13}(xy+ \\
& yz+zx)^2(xyz)^3 - 70070(x+y+z)^{10}(xy+yz+zx)^2(xyz)^4 - 64548(x+y+z) \\
& z)^7(xy+yz+zx)^2(xyz)^5 - 19530(x+y+z)^4(xy+yz+zx)^2(xyz)^6 - 836(x+y+z) \\
& (xy+yz+zx)^2(xyz)^7 + 252(x+y+z)^{20}(xy+yz+zx)^3 + 5415(x+y+z) \\
& z)^{17}(xy+yz+zx)^3(xyz) + 40120(x+y+z)^{14}(xy+yz+zx)^3(xyz)^2 + \\
& 128310(x+y+z)^{11}(xy+yz+zx)^3(xyz)^3 + 175890(x+y+z)^8(xy+yz+ \\
& zx)^3(xyz)^4 + 86394(x+y+z)^5(xy+yz+zx)^3(xyz)^5 + 8820(x+y+z)^2(xy+ \\
& yz+zx)^3(xyz)^6 - 1520(x+y+z)^{18}(xy+yz+zx)^4 - 24276(x+y+z)^{15}(xy+ \\
& yz+zx)^4(xyz) - 129220(x+y+z)^{12}(xy+yz+zx)^4(xyz)^2 - 275275(x+y+z) \\
& z)^9(xy+yz+zx)^4(xyz)^3 - 217140(x+y+z)^6(xy+yz+zx)^4(xyz)^4 - \\
& 44310(x+y+z)^3(xy+yz+zx)^4(xyz)^5 - 546(xy+yz+zx)^4(xyz)^6 + 5814(x+y+z) \\
& z)^{16}(xy+yz+zx)^5 + 68068(x+y+z)^{13}(xy+yz+zx)^5(xyz) + 249249(x+y+z) \\
& z)^{10}(xy+yz+zx)^5(xyz)^2 + 324324(x+y+z)^7(xy+yz+zx)^5(xyz)^3 + \\
& 122430(x+y+z)^4(xy+yz+zx)^5(xyz)^4 + 5922(x+y+z)(xy+yz+ \\
& zx)^5(xyz)^5 - 14688(x+y+z)^{14}(xy+yz+zx)^6 - 121576(x+y+z)^{11}(xy+ \\
& yz+zx)^6(xyz) - 285285(x+y+z)^8(xy+yz+zx)^6(xyz)^2 - 196812(x+y+z) \\
& z)^5(xy+yz+zx)^6(xyz)^3 - 24780(x+y+z)^2(xy+yz+zx)^6(xyz)^4 + 24752(x+y+z) \\
& z)^{12}(xy+yz+zx)^7 + 136565(x+y+z)^9(xy+yz+zx)^7(xyz) + 183612(x+y+z) \\
& z)^6(xy+yz+zx)^7(xyz)^2 + 52140(x+y+z)^3(xy+yz+zx)^7(xyz)^3 + \\
& 780(xy+yz+zx)^7(xyz)^4 - 27456(x+y+z)^{10}(xy+yz+zx)^8 - 92235(x+y+z) \\
& z)^7(xy+yz+zx)^8(xyz) - 58905(x+y+z)^4(xy+yz+zx)^8(xyz)^2 - 3915(x+y+z) \\
& (xy+yz+zx)^8(xyz)^3 + 19305(x+y+z)^8(xy+yz+zx)^9 + 34177(x+y+z) \\
& z)^5(xy+yz+zx)^9(xyz) + 7205(x+y+z)^2(xy+yz+zx)^9(xyz)^2 -
\end{aligned}$$

$$8008(x+y+z)^6(xy+yz+zx)^{10} - 5786(x+y+z)^3(xy+yz+zx)^{10}(xyz) - 143(xy+yz+zx)^{10}(xyz)^2 + 1716(x+y+z)^4(xy+yz+zx)^{11} + 287(x+y+z)(xy+yz+zx)^{11}(xyz) - 144(x+y+z)^2(xy+yz+zx)^{12} + 2(xy+yz+zx)^{13}$$

$$\begin{aligned} s(26, 0, 0) = & +(x+y+z)^{26} + 26(x+y+z)^{23}(xyz) + 273(x+y+z)^{20}(xyz)^2 + 1482(x+y+z)^{17}(xyz)^3 + 4420(x+y+z)^{14}(xyz)^4 + 7098(x+y+z)^{11}(xyz)^5 + 5577(x+y+z)^8(xyz)^6 + 1716(x+y+z)^5(xyz)^7 + 117(x+y+z)^2(xyz)^8 - 26(x+y+z)^{24}(xy+yz+zx) - 572(x+y+z)^{21}(xy+yz+zx)(xyz) - 4940(x+y+z)^{18}(xy+yz+zx)(xyz)^2 - 21216(x+y+z)^{15}(xy+yz+zx)(xyz)^3 - 47320(x+y+z)^{12}(xy+yz+zx)(xyz)^4 - 52052(x+y+z)^9(xy+yz+zx)(xyz)^5 - 24024(x+y+z)^6(xy+yz+zx)(xyz)^6 - 3120(x+y+z)^3(xy+yz+zx)(xyz)^7 - 26(xy+yz+zx)(xyz)^8 + 299(x+y+z)^{22}(xy+yz+zx)^2 + 5460(x+y+z)^{19}(xy+yz+zx)^2(xyz) + 37791(x+y+z)^{16}(xy+yz+zx)^2(xyz)^2 + 123760(x+y+z)^{13}(xy+yz+zx)^2(xyz)^3 + 195195(x+y+z)^{10}(xy+yz+zx)^2(xyz)^4 + 133848(x+y+z)^7(xy+yz+zx)^2(xyz)^5 + 30030(x+y+z)^4(xy+yz+zx)^2(xyz)^6 + 936(x+y+z)(xy+yz+zx)^2(xyz)^7 - 2002(x+y+z)^{20}(xy+yz+zx)^3 - 29640(x+y+z)^{17}(xy+yz+zx)^3(xyz) - 159120(x+y+z)^{14}(xy+yz+zx)^3(xyz)^2 - 378560(x+y+z)^{11}(xy+yz+zx)^3(xyz)^3 - 390390(x+y+z)^8(xy+yz+zx)^3(xyz)^4 - 144144(x+y+z)^5(xy+yz+zx)^3(xyz)^5 - 10920(x+y+z)^2(xy+yz+zx)^3(xyz)^6 + 8645(x+y+z)^{18}(xy+yz+zx)^4 + 100776(x+y+z)^{15}(xy+yz+zx)^4(xyz) + 402220(x+y+z)^{12}(xy+yz+zx)^4(xyz)^2 + 650650(x+y+z)^9(xy+yz+zx)^4(xyz)^3 + 390390(x+y+z)^6(xy+yz+zx)^4(xyz)^4 + 60060(x+y+z)^3(xy+yz+zx)^4(xyz)^5 + 546(xy+yz+zx)^4(xyz)^6 - 25194(x+y+z)^{16}(xy+yz+zx)^5 - 222768(x+y+z)^{13}(xy+yz+zx)^5(xyz) - 624624(x+y+z)^{10}(xy+yz+zx)^5(xyz)^2 - 624624(x+y+z)^7(xy+yz+zx)^5(xyz)^3 - 180180(x+y+z)^4(xy+yz+zx)^5(xyz)^4 - 6552(x+y+z)(xy+yz+zx)^5(xyz)^5 + 50388(x+y+z)^{14}(xy+yz+zx)^6 + 321776(x+y+z)^{11}(xy+yz+zx)^6(xyz) + 585585(x+y+z)^8(xy+yz+zx)^6(xyz)^2 + 312312(x+y+z)^5(xy+yz+zx)^6(xyz)^3 + 30030(x+y+z)^2(xy+yz+zx)^6(xyz)^4 - 68952(x+y+z)^{12}(xy+yz+zx)^7 - 297440(x+y+z)^9(xy+yz+zx)^7(xyz) - 312312(x+y+z)^6(xy+yz+zx)^7(xyz)^2 - 68640(x+y+z)^3(xy+yz+zx)^7(xyz)^3 - 780(xy+yz+zx)^7(xyz)^4 + 63206(x+y+z)^{10}(xy+yz+zx)^8 + 167310(x+y+z)^7(xy+yz+zx)^8(xyz) + 83655(x+y+z)^4(xy+yz+zx)^8(xyz)^2 + 4290(x+y+z)(xy+yz+zx)^8(xyz)^3 - 37180(x+y+z)^8(xy+yz+zx)^9 - 52052(x+y+z)^5(xy+yz+zx)^9(xyz) - 8580(x+y+z)^2(xy+yz+zx)^9(xyz)^2 + \end{aligned}$$

$$13013(x+y+z)^6(xy+yz+zx)^{10} + 7436(x+y+z)^3(xy+yz+zx)^{10}(xyz) + 143(xy+yz+zx)^{10}(xyz)^2 - 2366(x+y+z)^4(xy+yz+zx)^{11} - 312(x+y+z)(xy+yz+zx)^{11}(xyz) + 169(x+y+z)^2(xy+yz+zx)^{12} - 2(xy+yz+zx)^{13}$$

$$s(14, 13, 0) = -15(x+y+z)^6(xyz)^7 + 50(x+y+z)^3(xyz)^8 - 3(xyz)^9 + 13(x+y+z)^7(xy+yz+zx)(xyz)^6 - 190(x+y+z)^4(xy+yz+zx)(xyz)^7 + 61(x+y+z)(xy+yz+zx)(xyz)^8 + 231(x+y+z)^5(xy+yz+zx)^2(xyz)^6 - 310(x+y+z)^2(xy+yz+zx)^2(xyz)^7 - 91(x+y+z)^6(xy+yz+zx)^3(xyz)^5 + 630(x+y+z)^3(xy+yz+zx)^3(xyz)^6 - 40(xy+yz+zx)^3(xyz)^7 - 560(x+y+z)^4(xy+yz+zx)^4(xyz)^5 + 245(x+y+z)(xy+yz+zx)^4(xyz)^6 + 182(x+y+z)^5(xy+yz+zx)^5(xyz)^4 - 525(x+y+z)^2(xy+yz+zx)^5(xyz)^5 + 476(x+y+z)^3(xy+yz+zx)^6(xyz)^4 - 42(xy+yz+zx)^6(xyz)^5 - 156(x+y+z)^4(xy+yz+zx)^7(xyz)^3 + 148(x+y+z)(xy+yz+zx)^7(xyz)^4 - 171(x+y+z)^2(xy+yz+zx)^8(xyz)^3 + 65(x+y+z)^3(xy+yz+zx)^9(xyz)^2 - 12(xy+yz+zx)^9(xyz)^3 + 25(x+y+z)(xy+yz+zx)^{10}(xyz)^2 - 13(x+y+z)^2(xy+yz+zx)^{11}(xyz) - (xy+yz+zx)^{12}(xyz) + (x+y+z)(xy+yz+zx)^{13}$$

$$s(15, 12, 0) = +2(x+y+z)^9(xyz)^6 - 18(x+y+z)^6(xyz)^7 - 60(x+y+z)^3(xyz)^8 + 6(xyz)^9 + 54(x+y+z)^7(xy+yz+zx)(xyz)^6 + 195(x+y+z)^4(xy+yz+zx)(xyz)^7 - 126(x+y+z)(xy+yz+zx)(xyz)^8 - 36(x+y+z)^8(xy+yz+zx)^2(xyz)^5 - 108(x+y+z)^5(xy+yz+zx)^2(xyz)^6 + 630(x+y+z)^2(xy+yz+zx)^2(xyz)^7 - 132(x+y+z)^6(xy+yz+zx)^3(xyz)^5 - 1190(x+y+z)^3(xy+yz+zx)^3(xyz)^6 + 102(xy+yz+zx)^3(xyz)^7 + 105(x+y+z)^7(xy+yz+zx)^4(xyz)^4 + 855(x+y+z)^4(xy+yz+zx)^4(xyz)^5 - 615(x+y+z)(xy+yz+zx)^4(xyz)^6 - 63(x+y+z)^5(xy+yz+zx)^5(xyz)^4 + 1269(x+y+z)^2(xy+yz+zx)^5(xyz)^5 - 112(x+y+z)^6(xy+yz+zx)^6(xyz)^3 - 1050(x+y+z)^3(xy+yz+zx)^6(xyz)^4 + 117(xy+yz+zx)^6(xyz)^5 + 240(x+y+z)^4(xy+yz+zx)^7(xyz)^3 - 405(x+y+z)(xy+yz+zx)^7(xyz)^4 + 54(x+y+z)^5(xy+yz+zx)^8(xyz)^2 + 450(x+y+z)^2(xy+yz+zx)^8(xyz)^3 - 150(x+y+z)^3(xy+yz+zx)^9(xyz)^2 + 35(xy+yz+zx)^9(xyz)^3 - 12(x+y+z)^4(xy+yz+zx)^{10}(xyz) - 72(x+y+z)(xy+yz+zx)^{10}(xyz)^2 + 36(x+y+z)^2(xy+yz+zx)^{11}(xyz) + (x+y+z)^3(xy+yz+zx)^{12} + 3(xy+yz+zx)^{12}(xyz) - 3(x+y+z)(xy+yz+zx)^{13}$$

$$s(16, 11, 0) = +11(x+y+z)^9(xyz)^6 + 44(x+y+z)^6(xyz)^7 - 53(x+y+z)^3(xyz)^8 - 3(xyz)^9 - 11(x+y+z)^{10}(xy+yz+zx)(xyz)^5 - 44(x+y+z)^7(xy+yz+zx)(xyz)^6 + 330(x+y+z)^4(xy+yz+zx)(xyz)^7 + 67(x+y+z)(xy+yz+zx)(xyz)^8 - 55(x+y+z)^8(xy+yz+zx)^2(xyz)^5 - 748(x+y+z)$$

$$\begin{aligned}
& z)^5(xy+yz+zx)^2(xyz)^6 - 284(x+y+z)^2(xy+yz+zx)^2(xyz)^7 + 55(x+y+z)^9(xy+yz+zx)^3(xyz)^4 + 660(x+y+z)^6(xy+yz+zx)^3(xyz)^5 + 220(x+y+z)^3(xy+yz+zx)^3(xyz)^6 - 116(xy+yz+zx)^3(xyz)^7 - 110(x+y+z)^7(xy+yz+zx)^4(xyz)^4 + 550(x+y+z)^4(xy+yz+zx)^4(xyz)^5 + 666(x+y+z)(xy+yz+zx)^4(xyz)^6 - 77(x+y+z)^8(xy+yz+zx)^5(xyz)^3 - 902(x+y+z)^5(xy+yz+zx)^5(xyz)^4 - 1210(x+y+z)^2(xy+yz+zx)^5(xyz)^5 + 308(x+y+z)^6(xy+yz+zx)^6(xyz)^3 + 660(x+y+z)^3(xy+yz+zx)^6(xyz)^4 - 166(xy+yz+zx)^6(xyz)^5 + 44(x+y+z)^7(xy+yz+zx)^7(xyz)^2 + 220(x+y+z)^4(xy+yz+zx)^7(xyz)^3 + 550(x+y+z)(xy+yz+zx)^7(xyz)^4 - 209(x+y+z)^5(xy+yz+zx)^8(xyz)^2 - 550(x+y+z)^2(xy+yz+zx)^8(xyz)^3 - 11(x+y+z)^6(xy+yz+zx)^9(xyz) + 110(x+y+z)^3(xy+yz+zx)^9(xyz)^2 - 55(xy+yz+zx)^9(xyz)^3 + 55(x+y+z)^4(xy+yz+zx)^10(xyz) + 110(x+y+z)(xy+yz+zx)^10(xyz)^2 + (x+y+z)^5(xy+yz+zx)^11 - 50(x+y+z)^2(xy+yz+zx)^11(xyz) - 5(x+y+z)^3(xy+yz+zx)^12 - 5(xy+yz+zx)^12(xyz) + 5(x+y+z)(xy+yz+zx)^13
\end{aligned}$$

$$\begin{aligned}
s(17, 10, 0) = & -2(x+y+z)^{12}(xyz)^5 + (x+y+z)^9(xyz)^6 + 91(x+y+z)^6(xyz)^7 + 105(x+y+z)^3(xyz)^8 - 3(xyz)^9 - 26(x+y+z)^{10}(xy+yz+zx)(xyz)^5 - 333(x+y+z)^7(xy+yz+zx)(xyz)^6 - 525(x+y+z)^4(xy+yz+zx)(xyz)^7 + 73(x+y+z)(xy+yz+zx)(xyz)^8 + 25(x+y+z)^{11}(xy+yz+zx)^2(xyz)^4 + 367(x+y+z)^8(xy+yz+zx)^2(xyz)^5 + 721(x+y+z)^5(xy+yz+zx)^2(xyz)^6 - 525(x+y+z)^2(xy+yz+zx)^2(xyz)^7 - 75(x+y+z)^9(xy+yz+zx)^3(xyz)^4 + 49(x+y+z)^6(xy+yz+zx)^3(xyz)^5 + 1715(x+y+z)^3(xy+yz+zx)^3(xyz)^6 + 69(xy+yz+zx)^3(xyz)^7 - 50(x+y+z)^{10}(xy+yz+zx)^4(xyz)^3 - 675(x+y+z)^7(xy+yz+zx)^4(xyz)^4 - 2660(x+y+z)^4(xy+yz+zx)^4(xyz)^5 - 315(x+y+z)(xy+yz+zx)^4(xyz)^6 + 290(x+y+z)^8(xy+yz+zx)^5(xyz)^3 + 1680(x+y+z)^5(xy+yz+zx)^5(xyz)^4 + 175(x+y+z)^2(xy+yz+zx)^5(xyz)^5 + 35(x+y+z)^9(xy+yz+zx)^6(xyz)^2 - 35(x+y+z)^6(xy+yz+zx)^6(xyz)^3 + 805(x+y+z)^3(xy+yz+zx)^6(xyz)^4 + 175(xy+yz+zx)^6(xyz)^5 - 235(x+y+z)^7(xy+yz+zx)^7(xyz)^2 - 1155(x+y+z)^4(xy+yz+zx)^7(xyz)^3 - 525(x+y+z)(xy+yz+zx)^7(xyz)^4 - 10(x+y+z)^8(xy+yz+zx)^8(xyz) + 350(x+y+z)^5(xy+yz+zx)^8(xyz)^2 + 385(x+y+z)^2(xy+yz+zx)^8(xyz)^3 + 70(x+y+z)^6(xy+yz+zx)^9(xyz) + 105(x+y+z)^3(xy+yz+zx)^9(xyz)^2 + 70(xy+yz+zx)^9(xyz)^3 + (x+y+z)^7(xy+yz+zx)^{10} - 133(x+y+z)^4(xy+yz+zx)^{10}(xyz) - 133(x+y+z)(xy+yz+zx)^{10}(xyz)^2 - 7(x+y+z)^5(xy+yz+zx)^{11} + 49(x+y+z)^2(xy+yz+zx)^{11}(xyz) + 14(x+y+z)^3(xy+yz+zx)^{12} + 7(xy+yz+zx)^{12}(xyz) - 7(x+y+z)(xy+yz+zx)^{13}
\end{aligned}$$

$$\begin{aligned}
s(18, 9, 0) = & -9(x+y+z)^{12}(xyz)^5 - 78(x+y+z)^9(xyz)^6 - 135(x+y+z)^6(xyz)^7 + 27(x+y+z)^3(xyz)^8 + 6(xyz)^9 + 9(x+y+z)^{13}(xy+yz+zx)(xyz)^4 + 135(x+y+z)^{10}(xy+yz+zx)(xyz)^5 + 297(x+y+z)^7(xy+yz+zx)(xyz)^6 - 351(x+y+z)^4(xy+yz+zx)(xyz)^7 - 162(x+y+z)(xy+yz+zx)(xyz)^8 - 27(x+y+z)^{11}(xy+yz+zx)^2(xyz)^4 + 81(x+y+z)^8(xy+yz+zx)^2(xyz)^5 + 1539(x+y+z)^5(xy+yz+zx)^2(xyz)^6 + 1053(x+y+z)^2(xy+yz+zx)^2(xyz)^7 - 30(x+y+z)^{12}(xy+yz+zx)^3(xyz)^3 - 495(x+y+z)^9(xy+yz+zx)^3(xyz)^4 - 2781(x+y+z)^6(xy+yz+zx)^3(xyz)^5 - 2691(x+y+z)^3(xy+yz+zx)^3(xyz)^6 + 27(xy+yz+zx)^3(xyz)^7 + 225(x+y+z)^{10}(xy+yz+zx)^4(xyz)^3 + 1971(x+y+z)^7(xy+yz+zx)^4(xyz)^4 + 2754(x+y+z)^4(xy+yz+zx)^4(xyz)^5 - 351(x+y+z)(xy+yz+zx)^4(xyz)^6 + 27(x+y+z)^{11}(xy+yz+zx)^5(xyz)^2 - 162(x+y+z)^8(xy+yz+zx)^5(xyz)^3 - 162(x+y+z)^5(xy+yz+zx)^5(xyz)^4 + 1539(x+y+z)^2(xy+yz+zx)^5(xyz)^5 - 234(x+y+z)^9(xy+yz+zx)^6(xyz)^2 - 1449(x+y+z)^6(xy+yz+zx)^6(xyz)^3 - 2781(x+y+z)^3(xy+yz+zx)^6(xyz)^4 - 135(xy+yz+zx)^6(xyz)^5 - 9(x+y+z)^{10}(xy+yz+zx)^7(xyz) + 567(x+y+z)^7(xy+yz+zx)^7(xyz)^2 + 1971(x+y+z)^4(xy+yz+zx)^7(xyz)^3 + 297(x+y+z)(xy+yz+zx)^7(xyz)^4 + 81(x+y+z)^8(xy+yz+zx)^8(xyz) - 162(x+y+z)^5(xy+yz+zx)^8(xyz)^2 + 81(x+y+z)^2(xy+yz+zx)^8(xyz)^3 + (x+y+z)^9(xy+yz+zx)^9 - 234(x+y+z)^6(xy+yz+zx)^9(xyz) - 495(x+y+z)^3(xy+yz+zx)^9(xyz)^2 - 78(xy+yz+zx)^9(xyz)^3 - 9(x+y+z)^7(xy+yz+zx)^{10} + 225(x+y+z)^4(xy+yz+zx)^{10}(xyz) + 135(x+y+z)(xy+yz+zx)^{10}(xyz)^2 + 27(x+y+z)^5(xy+yz+zx)^{11} - 27(x+y+z)^2(xy+yz+zx)^{11}(xyz) - 30(x+y+z)^3(xy+yz+zx)^{12} - 9(xy+yz+zx)^{12}(xyz) + 9(x+y+z)(xy+yz+zx)^{13}
\end{aligned}$$

$$\begin{aligned}
s(19, 8, 0) = & +2(x+y+z)^{15}(xyz)^4 + 14(x+y+z)^{12}(xyz)^5 - 22(x+y+z)^9(xyz)^6 - 220(x+y+z)^6(xyz)^7 - 177(x+y+z)^3(xyz)^8 - 3(xyz)^9 + 2(x+y+z)^{13}(xy+yz+zx)(xyz)^4 + 198(x+y+z)^{10}(xy+yz+zx)(xyz)^5 + 1188(x+y+z)^7(xy+yz+zx)(xyz)^6 + 1386(x+y+z)^4(xy+yz+zx)(xyz)^7 + 91(x+y+z)(xy+yz+zx)(xyz)^8 - 16(x+y+z)^{14}(xy+yz+zx)^2(xyz)^3 - 340(x+y+z)^{11}(xy+yz+zx)^2(xyz)^4 - 2266(x+y+z)^8(xy+yz+zx)^2(xyz)^5 - 3784(x+y+z)^5(xy+yz+zx)^2(xyz)^6 - 528(x+y+z)^2(xy+yz+zx)^2(xyz)^7 + 144(x+y+z)^{12}(xy+yz+zx)^3(xyz)^3 + 1650(x+y+z)^9(xy+yz+zx)^3(xyz)^4 + 4136(x+y+z)^6(xy+yz+zx)^3(xyz)^5 + 616(x+y+z)^3(xy+yz+zx)^3(xyz)^6 - 132(xy+yz+zx)^3(xyz)^7 + 20(x+y+z)^{13}(xy+yz+zx)^4(xyz)^2 - 132(x+y+z)^{10}(xy+yz+zx)^4(xyz)^3 - 726(x+y+z)^7(xy+yz+zx)^4(xyz)^2 - 132(x+y+z)^4(xy+yz+zx)^4(xyz)^3 - 726(x+y+z)^7(xy+yz+zx)^4(xyz)^2
\end{aligned}$$

$$\begin{aligned}
&zx)^4(xyz)^4 + 1826(x+y+z)^4(xy+yz+zx)^4(xyz)^5 + 1056(x+y+z)(xy+yz+zx)^4(xyz)^6 - 212(x+y+z)^{11}(xy+yz+zx)^5(xyz)^2 - 1628(x+y+z)^8(xy+yz+zx)^5(xyz)^3 - 5082(x+y+z)^5(xy+yz+zx)^5(xyz)^4 - 3124(x+y+z)^2(xy+yz+zx)^5(xyz)^5 - 8(x+y+z)^{12}(xy+yz+zx)^6(xyz) + 704(x+y+z)^9(xy+yz+zx)^6(xyz)^2 + 4004(x+y+z)^6(xy+yz+zx)^6(xyz)^3 + 4004(x+y+z)^3(xy+yz+zx)^6(xyz)^4 + 44(xy+yz+zx)^6(xyz)^5 + 88(x+y+z)^{10}(xy+yz+zx)^7(xyz) - 572(x+y+z)^7(xy+yz+zx)^7(xyz)^2 - 1584(x+y+z)^4(xy+yz+zx)^7(xyz)^3 + 132(x+y+z)(xy+yz+zx)^7(xyz)^4 + (x+y+z)^{11}(xy+yz+zx)^8 - 341(x+y+z)^8(xy+yz+zx)^8(xyz) - 803(x+y+z)^5(xy+yz+zx)^8(xyz)^2 - 814(x+y+z)^2(xy+yz+zx)^8(xyz)^3 - 11(x+y+z)^9(xy+yz+zx)^9 + 539(x+y+z)^6(xy+yz+zx)^9(xyz) + 990(x+y+z)^3(xy+yz+zx)^9(xyz)^2 + 77(xy+yz+zx)^9(xyz)^3 + 44(x+y+z)^7(xy+yz+zx)^{10} - 275(x+y+z)^4(xy+yz+zx)^{10}(xyz) - 110(x+y+z)(xy+yz+zx)^{10}(xyz)^2 - 77(x+y+z)^5(xy+yz+zx)^{11} - 22(x+y+z)^2(xy+yz+zx)^{11}(xyz) + 55(x+y+z)^3(xy+yz+zx)^{12} + 11(xy+yz+zx)^{12}(xyz) - 11(x+y+z)(xy+yz+zx)^{13}
\end{aligned}$$

$$\begin{aligned}
s(20, 7, 0) = &+7(x+y+z)^{15}(xyz)^4 + 91(x+y+z)^{12}(xyz)^5 + 364(x+y+z)^9(xyz)^6 + 454(x+y+z)^6(xyz)^7 + 85(x+y+z)^3(xyz)^8 - 3(xyz)^9 - 7(x+y+z)^{16}(xy+yz+zx)(xyz)^3 - 175(x+y+z)^{13}(xy+yz+zx)(xyz)^4 - 1092(x+y+z)^{10}(xy+yz+zx)(xyz)^5 - 2002(x+y+z)^7(xy+yz+zx)(xyz)^6 - 540(x+y+z)^4(xy+yz+zx)(xyz)^7 + 103(x+y+z)(xy+yz+zx)(xyz)^8 + 70(x+y+z)^{14}(xy+yz+zx)^2(xyz)^3 + 910(x+y+z)^{11}(xy+yz+zx)^2(xyz)^4 + 2548(x+y+z)^8(xy+yz+zx)^2(xyz)^5 + 364(x+y+z)^5(xy+yz+zx)^2(xyz)^6 - 1010(x+y+z)^2(xy+yz+zx)^2(xyz)^7 + 14(x+y+z)^{15}(xy+yz+zx)^3(xyz)^2 + 3276(x+y+z)^6(xy+yz+zx)^3(xyz)^5 + 4550(x+y+z)^3(xy+yz+zx)^3(xyz)^6 + 184(xy+yz+zx)^3(xyz)^7 - 175(x+y+z)^{13}(xy+yz+zx)^4(xyz)^2 - 1820(x+y+z)^{10}(xy+yz+zx)^4(xyz)^3 - 7735(x+y+z)^7(xy+yz+zx)^4(xyz)^4 - 10465(x+y+z)^4(xy+yz+zx)^4(xyz)^5 - 1365(x+y+z)(xy+yz+zx)^4(xyz)^6 - 7(x+y+z)^{14}(xy+yz+zx)^5(xyz) + 728(x+y+z)^{11}(xy+yz+zx)^5(xyz)^2 + 5915(x+y+z)^8(xy+yz+zx)^5(xyz)^3 + 11921(x+y+z)^5(xy+yz+zx)^5(xyz)^4 + 3367(x+y+z)^2(xy+yz+zx)^5(xyz)^5 + 91(x+y+z)^{12}(xy+yz+zx)^6(xyz) - 910(x+y+z)^9(xy+yz+zx)^6(xyz)^2 - 5096(x+y+z)^6(xy+yz+zx)^6(xyz)^3 - 2730(x+y+z)^3(xy+yz+zx)^6(xyz)^4 + 91(xy+yz+zx)^6(xyz)^5 + (x+y+z)^{13}(xy+yz+zx)^7 - 442(x+y+z)^{10}(xy+yz+zx)^7(xyz) - 1040(x+y+z)^7(xy+yz+zx)^7(xyz)^2 - 1300(x+y+z)^4(xy+yz+zx)^7(xyz)^3 - 715(x+y+z)(xy+yz+zx)^7(xyz)^4 - 13(x+y+z)^{11}(xy+
\end{aligned}$$

$$\begin{aligned}
&yz + zx)^8 + 975(x + y + z)^8(xy + yz + zx)^8(xyz) + 2912(x + y + z)^5(xy + yz + \\
&zx)^8(xyz)^2 + 1690(x + y + z)^2(xy + yz + zx)^8(xyz)^3 + 65(x + y + z)^9(xy + \\
&yz + zx)^9 - 910(x + y + z)^6(xy + yz + zx)^9(xyz) - 1430(x + y + z)^3(xy + yz + \\
&zx)^9(xyz)^2 - 65(xy + yz + zx)^9(xyz)^3 - 156(x + y + z)^7(xy + yz + zx)^{10} + \\
&182(x + y + z)^4(xy + yz + zx)^{10}(xyz) + 52(x + y + z)(xy + yz + zx)^{10}(xyz)^2 + \\
&182(x + y + z)^5(xy + yz + zx)^{11} + 104(x + y + z)^2(xy + yz + zx)^{11}(xyz) - 91(x + \\
&y + z)^3(xy + yz + zx)^{12} - 13(xy + yz + zx)^{12}(xyz) + 13(x + y + z)(xy + yz + zx)^{13}
\end{aligned}$$

$$\begin{aligned}
s(21, 6, 0) = &-2(x + y + z)^{18}(xyz)^3 - 27(x + y + z)^{15}(xyz)^4 - 105(x + y + \\
&z)^{12}(xyz)^5 - 56(x + y + z)^9(xyz)^6 + 261(x + y + z)^6(xyz)^7 + 201(x + y + \\
&z)^3(xyz)^8 + 6(xyz)^9 + 18(x + y + z)^{16}(xy + yz + zx)(xyz)^3 + 105(x + y + \\
&z)^{13}(xy + yz + zx)(xyz)^4 - 315(x + y + z)^{10}(xy + yz + zx)(xyz)^5 - 2241(x + \\
&y + z)^7(xy + yz + zx)(xyz)^6 - 2280(x + y + z)^4(xy + yz + zx)(xyz)^7 - 234(x + \\
&y + z)(xy + yz + zx)(xyz)^8 + 9(x + y + z)^{17}(xy + yz + zx)^2(xyz)^2 + 135(x + y + \\
&z)^{14}(xy + yz + zx)^2(xyz)^3 + 1575(x + y + z)^{11}(xy + yz + zx)^2(xyz)^4 + 7245(x + \\
&y + z)^8(xy + yz + zx)^2(xyz)^5 + 9828(x + y + z)^5(xy + yz + zx)^2(xyz)^6 + \\
&2223(x + y + z)^2(xy + yz + zx)^2(xyz)^7 - 129(x + y + z)^{15}(xy + yz + zx)^3(xyz)^2 - \\
&1925(x + y + z)^{12}(xy + yz + zx)^3(xyz)^3 - 10815(x + y + z)^9(xy + yz + \\
&zx)^3(xyz)^4 - 20685(x + y + z)^6(xy + yz + zx)^3(xyz)^5 - 8645(x + y + z)^3(xy + \\
&yz + zx)^3(xyz)^6 - 123(xy + yz + zx)^3(xyz)^7 - 6(x + y + z)^{16}(xy + yz + \\
&zx)^4(xyz) + 630(x + y + z)^{13}(xy + yz + zx)^4(xyz)^2 + 7035(x + y + z)^{10}(xy + yz + \\
&zx)^4(xyz)^3 + 21630(x + y + z)^7(xy + yz + zx)^4(xyz)^4 + 15750(x + y + z)^4(xy + \\
&yz + zx)^4(xyz)^5 + 798(x + y + z)(xy + yz + zx)^4(xyz)^6 + 90(x + y + z)^{14}(xy + \\
&yz + zx)^5(xyz) - 945(x + y + z)^{11}(xy + yz + zx)^5(xyz)^2 - 8694(x + y + z)^8(xy + \\
&yz + zx)^5(xyz)^3 - 11844(x + y + z)^5(xy + yz + zx)^5(xyz)^4 - 945(x + y + \\
&z)^2(xy + yz + zx)^5(xyz)^5 + (x + y + z)^{15}(xy + yz + zx)^6 - 525(x + y + z)^{12}(xy + \\
&yz + zx)^6(xyz) - 1575(x + y + z)^9(xy + yz + zx)^6(xyz)^2 - 1274(x + y + \\
&z)^6(xy + yz + zx)^6(xyz)^3 - 2730(x + y + z)^3(xy + yz + zx)^6(xyz)^4 - 252(xy + \\
&yz + zx)^6(xyz)^5 - 15(x + y + z)^{13}(xy + yz + zx)^7 + 1485(x + y + z)^{10}(xy + yz + \\
&zx)^7(xyz) + 6318(x + y + z)^7(xy + yz + zx)^7(xyz)^2 + 7590(x + y + z)^4(xy + \\
&yz + zx)^7(xyz)^3 + 1350(x + y + z)(xy + yz + zx)^7(xyz)^4 + 90(x + y + z)^{11}(xy + \\
&yz + zx)^8 - 2025(x + y + z)^8(xy + yz + zx)^8(xyz) - 6048(x + y + z)^5(xy + yz + \\
&zx)^8(xyz)^2 - 2475(x + y + z)^2(xy + yz + zx)^8(xyz)^3 - 275(x + y + z)^9(xy + \\
&yz + zx)^9 + 1008(x + y + z)^6(xy + yz + zx)^9(xyz) + 1545(x + y + z)^3(xy + yz + \\
&zx)^9(xyz)^2 + 40(xy + yz + zx)^9(xyz)^3 + 450(x + y + z)^7(xy + yz + zx)^{10} + \\
&210(x + y + z)^4(xy + yz + zx)^{10}(xyz) + 45(x + y + z)(xy + yz + zx)^{10}(xyz)^2 -
\end{aligned}$$

$$378(x+y+z)^5(xy+yz+zx)^{11}-225(x+y+z)^2(xy+yz+zx)^{11}(xyz)+140(x+y+z)^3(xy+yz+zx)^{12}+15(xy+yz+zx)^{12}(xyz)-15(x+y+z)(xy+yz+zx)^{13}$$

$$\begin{aligned} s(22, 5, 0) = & -5(x+y+z)^{18}(xyz)^3 - 85(x+y+z)^{15}(xyz)^4 - 511(x+y+z)^{12}(xyz)^5 - 1287(x+y+z)^9(xyz)^6 - 1232(x+y+z)^6(xyz)^7 - 295(x+y+z)^3(xyz)^8 - 3(xyz)^9 + 5(x+y+z)^{19}(xy+yz+zx)(xyz)^2 + 170(x+y+z)^{16}(xy+yz+zx)(xyz)^3 + 1615(x+y+z)^{13}(xy+yz+zx)(xyz)^4 + 5962(x+y+z)^{10}(xy+yz+zx)(xyz)^5 + 8426(x+y+z)^7(xy+yz+zx)(xyz)^6 + 3410(x+y+z)^4(xy+yz+zx)(xyz)^7 + 133(x+y+z)(xy+yz+zx)(xyz)^8 - 80(x+y+z)^{17}(xy+yz+zx)^2(xyz)^2 - 1615(x+y+z)^{14}(xy+yz+zx)^2(xyz)^3 - 9775(x+y+z)^{11}(xy+yz+zx)^2(xyz)^4 - 21219(x+y+z)^8(xy+yz+zx)^2(xy+yz+zx)^2(xyz)^5 - 13937(x+y+z)^5(xy+yz+zx)^2(xyz)^6 - 1285(x+y+z)^2(xy+yz+zx)^2(xyz)^7 - 5(x+y+z)^{18}(xy+yz+zx)^3(xyz) + 425(x+y+z)^{15}(xy+yz+zx)^3(xyz)^2 + 6205(x+y+z)^{12}(xy+yz+zx)^3(xyz)^3 + 23375(x+y+z)^9(xy+yz+zx)^3(xyz)^4 + 25102(x+y+z)^6(xy+yz+zx)^3(xyz)^5 + 4235(x+y+z)^3(xy+yz+zx)^3(xyz)^6 - 61(xy+yz+zx)^3(xyz)^7 + 85(x+y+z)^{16}(xy+yz+zx)^4(xyz) - 510(x+y+z)^{13}(xy+yz+zx)^4(xyz)^2 - 8415(x+y+z)^{10}(xy+yz+zx)^4(xyz)^3 - 16830(x+y+z)^7(xy+yz+zx)^4(xyz)^4 - 3080(x+y+z)^4(xy+yz+zx)^4(xyz)^5 + 875(x+y+z)(xy+yz+zx)^4(xyz)^6 + (x+y+z)^{17}(xy+yz+zx)^5 - 578(x+y+z)^{14}(xy+yz+zx)^5(xyz) - 3043(x+y+z)^{11}(xy+yz+zx)^5(xyz)^2 - 5610(x+y+z)^8(xy+yz+zx)^5(xyz)^3 - 10472(x+y+z)^5(xy+yz+zx)^5(xyz)^4 - 4928(x+y+z)^2(xy+yz+zx)^5(xyz)^5 - 17(x+y+z)^{15}(xy+yz+zx)^6 + 1989(x+y+z)^{12}(xy+yz+zx)^6(xyz) + 12155(x+y+z)^9(xy+yz+zx)^6(xyz)^2 + 23562(x+y+z)^6(xy+yz+zx)^6(xyz)^3 + 13090(x+y+z)^3(xy+yz+zx)^6(xyz)^4 + 406(xy+yz+zx)^6(xyz)^5 + 119(x+y+z)^{13}(xy+yz+zx)^7 - 3553(x+y+z)^{10}(xy+yz+zx)^7(xyz) - 16830(x+y+z)^7(xy+yz+zx)^7(xyz)^2 - 16830(x+y+z)^4(xy+yz+zx)^7(xyz)^3 - 1870(x+y+z)(xy+yz+zx)^7(xyz)^4 - 442(x+y+z)^{11}(xy+yz+zx)^8 + 2805(x+y+z)^8(xy+yz+zx)^8(xyz) + 8976(x+y+z)^5(xy+yz+zx)^8(xyz)^2 + 2805(x+y+z)^2(xy+yz+zx)^8(xyz)^3 + 935(x+y+z)^9(xy+yz+zx)^9 - 935(x+y+z)^3(xy+yz+zx)^9(xyz)^2 - 1122(x+y+z)^7(xy+yz+zx)^{10} - 1122(x+y+z)^4(xy+yz+zx)^{10}(xyz) - 187(x+y+z)(xy+yz+zx)^{10}(xyz)^2 + 714(x+y+z)^5(xy+yz+zx)^{11} + 391(x+y+z)^2(xy+yz+zx)^{11}(xyz) - 204(x+y+z)^3(xy+yz+zx)^{12} - 17(xy+yz+zx)^{12}(xyz) + 17(x+y+z)(xy+yz+zx)^{13} \end{aligned}$$

$$s(23, 4, 0) = +2(x+y+z)^{21}(xyz)^2 + 38(x+y+z)^{18}(xyz)^3 + 265(x+y+z)^{15}(xyz)^4 + 821(x+y+z)^{12}(xyz)^5 + 1065(x+y+z)^9(xyz)^6 + 392(x+y+z)^6(xyz)^7 - 392(x+y+z)^3(xyz)^8 - 392(xyz)^9$$

$$\begin{aligned}
& y+z)^6(xyz)^7 - 37(x+y+z)^3(xyz)^8 - 3(xyz)^9 - 34(x+y+z)^{19}(xy+yz+zx)(xyz)^2 - 494(x+y+z)^{16}(xy+yz+zx)(xyz)^3 - 2417(x+y+z)^{13}(xy+yz+zx)(xyz)^4 - 4433(x+y+z)^{10}(xy+yz+zx)(xyz)^5 - 1968(x+y+z)^7(xy+yz+zx)(xyz)^6 + 791(x+y+z)^4(xy+yz+zx)(xyz)^7 + 151(x+y+z)(xy+yz+zx)(xyz)^8 - 4(x+y+z)^{20}(xy+yz+zx)^2(xyz) + 152(x+y+z)^{17}(xy+yz+zx)^2(xyz)^2 + 1786(x+y+z)^{14}(xy+yz+zx)^2(xyz)^3 + 4850(x+y+z)^{11}(xy+yz+zx)^2(xyz)^4 + 465(x+y+z)^8(xy+yz+zx)^2(xyz)^5 - 6580(x+y+z)^5(xy+yz+zx)^2(xyz)^6 - 2008(x+y+z)^2(xy+yz+zx)^2(xyz)^7 + 76(x+y+z)^{18}(xy+yz+zx)^3(xyz) + 418(x+y+z)^{15}(xy+yz+zx)^3(xyz)^2 + 1976(x+y+z)^{12}(xy+yz+zx)^3(xyz)^3 + 12815(x+y+z)^9(xy+yz+zx)^3(xyz)^4 + 26796(x+y+z)^6(xy+yz+zx)^3(xyz)^5 + 11956(x+y+z)^3(xy+yz+zx)^3(xyz)^6 + 278(xy+yz+zx)^3(xyz)^7 + (x+y+z)^{19}(xy+yz+zx)^4 - 589(x+y+z)^{16}(xy+yz+zx)^4(xyz) - 5985(x+y+z)^{13}(xy+yz+zx)^4(xyz)^2 - 27588(x+y+z)^{10}(xy+yz+zx)^4(xyz)^3 - 58020(x+y+z)^7(xy+yz+zx)^4(xyz)^4 - 38024(x+y+z)^4(xy+yz+zx)^4(xyz)^5 - 3094(x+y+z)(xy+yz+zx)^4(xyz)^6 - 19(x+y+z)^{17}(xy+yz+zx)^5 + 2375(x+y+z)^{14}(xy+yz+zx)^5(xyz) + 21736(x+y+z)^{11}(xy+yz+zx)^5(xyz)^2 + 67089(x+y+z)^8(xy+yz+zx)^5(xyz)^3 + 68208(x+y+z)^5(xy+yz+zx)^5(xyz)^4 + 12950(x+y+z)^2(xy+yz+zx)^5(xyz)^5 + 152(x+y+z)^{15}(xy+yz+zx)^6 - 5187(x+y+z)^{12}(xy+yz+zx)^6(xyz) - 37202(x+y+z)^9(xy+yz+zx)^6(xyz)^2 - 67032(x+y+z)^6(xy+yz+zx)^6(xyz)^3 - 26208(x+y+z)^3(xy+yz+zx)^6(xyz)^4 - 490(xy+yz+zx)^6(xyz)^5 - 665(x+y+z)^{13}(xy+yz+zx)^7 + 5434(x+y+z)^{10}(xy+yz+zx)^7(xyz) + 30096(x+y+z)^7(xy+yz+zx)^7(xyz)^2 + 25764(x+y+z)^4(xy+yz+zx)^7(xyz)^3 + 2010(x+y+z)(xy+yz+zx)^7(xyz)^4 + 1729(x+y+z)^{11}(xy+yz+zx)^8 - 627(x+y+z)^8(xy+yz+zx)^8(xyz) - 8436(x+y+z)^5(xy+yz+zx)^8(xyz)^2 - 2166(x+y+z)^2(xy+yz+zx)^8(xyz)^3 - 2717(x+y+z)^9(xy+yz+zx)^9 - 3762(x+y+z)^6(xy+yz+zx)^9(xyz) - 950(x+y+z)^3(xy+yz+zx)^9(xyz)^2 - 57(xy+yz+zx)^9(xyz)^3 + 2508(x+y+z)^7(xy+yz+zx)^{10} + 2850(x+y+z)^4(xy+yz+zx)^{10}(xyz) + 380(x+y+z)(xy+yz+zx)^{10}(xyz)^2 - 1254(x+y+z)^5(xy+yz+zx)^{11} - 608(x+y+z)^2(xy+yz+zx)^{11}(xyz) + 285(x+y+z)^3(xy+yz+zx)^{12} + 19(xy+yz+zx)^{12}(xyz) - 19(x+y+z)(xy+yz+zx)^{13}
\end{aligned}$$

$$\begin{aligned}
& s(24, 3, 0) = +3(x+y+z)^{21}(xyz)^2 + 62(x+y+z)^{18}(xyz)^3 + 486(x+y+z)^{15}(xyz)^4 + 1794(x+y+z)^{12}(xyz)^5 + 3135(x+y+z)^9(xyz)^6 + 2268(x+y+z)^6(xyz)^7 + 462(x+y+z)^3(xyz)^8 + 6(xyz)^9 - 3(x+y+z)^{22}(xy+yz+zx)
\end{aligned}$$

$$\begin{aligned}
&zx)(xyz) - 126(x+y+z)^{19}(xy+yz+zx)(xyz)^2 - 1557(x+y+z)^{16}(xy+yz+zx)(xyz)^3 - 8274(x+y+z)^{13}(xy+yz+zx)(xyz)^4 - 20295(x+y+z)^{10}(xy+yz+zx)(xyz)^5 - 21276(x+y+z)^7(xy+yz+zx)(xyz)^6 - 7266(x+y+z)^4(xy+yz+zx)(xyz)^7 - 342(x+y+z)(xy+yz+zx)(xyz)^8 + 63(x+y+z)^{20}(xy+yz+zx)^2(xyz) + 1638(x+y+z)^{17}(xy+yz+zx)^2(xyz)^2 + 14040(x+y+z)^{14}(xy+yz+zx)^2(xyz)^3 + 51012(x+y+z)^{11}(xy+yz+zx)^2(xyz)^4 + 78705(x+y+z)^8(xy+yz+zx)^2(xyz)^5 + 43092(x+y+z)^5(xy+yz+zx)^2(xyz)^6 + 4788(x+y+z)^2(xy+yz+zx)^2(xyz)^7 + (x+y+z)^{21}(xy+yz+zx)^3 - 546(x+y+z)^{18}(xy+yz+zx)^3(xyz) - 10248(x+y+z)^{15}(xy+yz+zx)^3(xyz)^2 - 61880(x+y+z)^{12}(xy+yz+zx)^3(xyz)^3 - 147345(x+y+z)^9(xy+yz+zx)^3(xyz)^4 - 128268(x+y+z)^6(xy+yz+zx)^3(xyz)^5 - 28196(x+y+z)^3(xy+yz+zx)^3(xyz)^6 - 348(xy+yz+zx)^3(xyz)^7 - 21(x+y+z)^{19}(xy+yz+zx)^4 + 2499(x+y+z)^{16}(xy+yz+zx)^4(xyz) + 35280(x+y+z)^{13}(xy+yz+zx)^4(xyz)^2 + 145860(x+y+z)^{10}(xy+yz+zx)^4(xyz)^3 + 208890(x+y+z)^7(xy+yz+zx)^4(xyz)^4 + 84294(x+y+z)^4(xy+yz+zx)^4(xyz)^5 + 4074(x+y+z)(xy+yz+zx)^4(xyz)^6 + 189(x+y+z)^{17}(xy+yz+zx)^5 - 6300(x+y+z)^{14}(xy+yz+zx)^5(xyz) - 68796(x+y+z)^{11}(xy+yz+zx)^5(xyz)^2 - 183249(x+y+z)^8(xy+yz+zx)^5(xyz)^3 - 135702(x+y+z)^5(xy+yz+zx)^5(xyz)^4 - 17010(x+y+z)^2(xy+yz+zx)^5(xyz)^5 - 952(x+y+z)^{15}(xy+yz+zx)^6 + 7644(x+y+z)^{12}(xy+yz+zx)^6(xyz) + 72072(x+y+z)^9(xy+yz+zx)^6(xyz)^2 + 111804(x+y+z)^6(xy+yz+zx)^6(xyz)^3 + 32004(x+y+z)^3(xy+yz+zx)^6(xyz)^4 + 378(xy+yz+zx)^6(xyz)^5 + 2940(x+y+z)^{13}(xy+yz+zx)^7 - 32076(x+y+z)^7(xy+yz+zx)^7(xyz)^2 - 24660(x+y+z)^4(xy+yz+zx)^7(xyz)^3 - 1242(x+y+z)(xy+yz+zx)^7(xyz)^4 - 5733(x+y+z)^{11}(xy+yz+zx)^8 - 11583(x+y+z)^8(xy+yz+zx)^8(xyz) - 2079(x+y+z)^5(xy+yz+zx)^8(xyz)^2 - 270(x+y+z)^2(xy+yz+zx)^8(xyz)^3 + 7007(x+y+z)^9(xy+yz+zx)^9 + 13167(x+y+z)^6(xy+yz+zx)^9(xyz) + 4830(x+y+z)^3(xy+yz+zx)^9(xyz)^2 + 135(xy+yz+zx)^9(xyz)^3 - 5148(x+y+z)^7(xy+yz+zx)^{10} - 5775(x+y+z)^4(xy+yz+zx)^{10}(xyz) - 630(x+y+z)(xy+yz+zx)^{10}(xyz)^2 + 2079(x+y+z)^5(xy+yz+zx)^{11} + 882(x+y+z)^2(xy+yz+zx)^{11}(xyz) - 385(x+y+z)^3(xy+yz+zx)^{12} - 21(xy+yz+zx)^{12}(xyz) + 21(x+y+z)(xy+yz+zx)^{13}
\end{aligned}$$

$$\begin{aligned}
s(25, 2, 0) = &-2(x+y+z)^{24}(xyz) - 47(x+y+z)^{21}(xyz)^2 - 435(x+y+z)^{18}(xyz)^3 - 2008(x+y+z)^{15}(xyz)^4 - 4823(x+y+z)^{12}(xyz)^5 - 5709(x+y+z)^9(xyz)^6 - 2814(x+y+z)^6(xyz)^7 - 380(x+y+z)^3(xyz)^8 - 3(xyz)^9 +
\end{aligned}$$

$$\begin{aligned}
& 46(x+y+z)^{22}(xy+yz+zx)(xyz) + 895(x+y+z)^{19}(xy+yz+zx)(xyz)^2 + \\
& 6613(x+y+z)^{16}(xy+yz+zx)(xyz)^3 + 23135(x+y+z)^{13}(xy+yz+ \\
& zx)(xyz)^4 + 38896(x+y+z)^{10}(xy+yz+zx)(xyz)^5 + 28182(x+y+z)^7(xy+ \\
& yz+zx)(xyz)^6 + 6510(x+y+z)^4(xy+yz+zx)(xyz)^7 + 193(x+y+z)(xy+ \\
& yz+zx)(xyz)^8 + (x+y+z)^{23}(xy+yz+zx)^2 - 437(x+y+z)^{20}(xy+yz+ \\
& zx)^2(xyz) - 7020(x+y+z)^{17}(xy+yz+zx)^2(xyz)^2 - 40240(x+y+z)^{14}(xy+ \\
& yz+zx)^2(xyz)^3 - 101465(x+y+z)^{11}(xy+yz+zx)^2(xyz)^4 - 109593(x+y+ \\
& z)^8(xy+yz+zx)^2(xyz)^5 - 41244(x+y+z)^5(xy+yz+zx)^2(xyz)^6 - 2960(x+y+ \\
& z)^2(xy+yz+zx)^2(xyz)^7 - 23(x+y+z)^{21}(xy+yz+zx)^3 + 2185(x+y+ \\
& z)^{18}(xy+yz+zx)^3(xyz) + 29104(x+y+z)^{15}(xy+yz+zx)^3(xyz)^2 + \\
& 124670(x+y+z)^{12}(xy+yz+zx)^3(xyz)^3 + 210925(x+y+z)^9(xy+yz+ \\
& zx)^3(xyz)^4 + 127974(x+y+z)^6(xy+yz+zx)^3(xyz)^5 + 18480(x+y+ \\
& z)^3(xy+yz+zx)^3(xyz)^6 + 124(xy+yz+zx)^3(xyz)^7 + 230(x+y+z)^{19}(xy+ \\
& yz+zx)^4 - 5865(x+y+z)^{16}(xy+yz+zx)^4(xyz) - 67340(x+y+z)^{13}(xy+ \\
& yz+zx)^4(xyz)^2 - 205205(x+y+z)^{10}(xy+yz+zx)^4(xyz)^3 - 208560(x+y+ \\
& z)^7(xy+yz+zx)^4(xyz)^4 - 55860(x+y+z)^4(xy+yz+zx)^4(xyz)^5 - 1470(x+y+ \\
& z)(xy+yz+zx)^4(xyz)^6 - 1311(x+y+z)^{17}(xy+yz+zx)^5 + 6256(x+y+ \\
& z)^{14}(xy+yz+zx)^5(xyz) + 81081(x+y+z)^{11}(xy+yz+zx)^5(xyz)^2 + \\
& 165165(x+y+z)^8(xy+yz+zx)^5(xyz)^3 + 82236(x+y+z)^5(xy+yz+ \\
& zx)^5(xyz)^4 + 5292(x+y+z)^2(xy+yz+zx)^5(xyz)^5 + 4692(x+y+z)^{15}(xy+ \\
& yz+zx)^6 + 8372(x+y+z)^{12}(xy+yz+zx)^6(xyz) - 30030(x+y+z)^9(xy+ \\
& yz+zx)^6(xyz)^2 - 40656(x+y+z)^6(xy+yz+zx)^6(xyz)^3 - 3990(x+y+ \\
& z)^3(xy+yz+zx)^6(xyz)^4 + 126(xy+yz+zx)^6(xyz)^5 - 10948(x+y+z)^{13}(xy+ \\
& yz+zx)^7 - 36179(x+y+z)^{10}(xy+yz+zx)^7(xyz) - 34320(x+y+z)^7(xy+ \\
& yz+zx)^7(xyz)^2 - 15840(x+y+z)^4(xy+yz+zx)^7(xyz)^3 - 1590(x+y+ \\
& z)(xy+yz+zx)^7(xyz)^4 + 16744(x+y+z)^{11}(xy+yz+zx)^8 + 49335(x+y+ \\
& z)^8(xy+yz+zx)^8(xyz) + 38907(x+y+z)^5(xy+yz+zx)^8(xyz)^2 + 6645(x+y+ \\
& z)^2(xy+yz+zx)^8(xyz)^3 - 16445(x+y+z)^9(xy+yz+zx)^9 - 32890(x+y+ \\
& z)^6(xy+yz+zx)^9(xyz) - 12265(x+y+z)^3(xy+yz+zx)^9(xyz)^2 - \\
& 255(xy+yz+zx)^9(xyz)^3 + 9867(x+y+z)^7(xy+yz+zx)^{10} + 10373(x+y+ \\
& z)^4(xy+yz+zx)^{10}(xyz) + 968(x+y+z)(xy+yz+zx)^{10}(xyz)^2 - 3289(x+y+ \\
& z)^5(xy+yz+zx)^{11} - 1219(x+y+z)^2(xy+yz+zx)^{11}(xyz) + 506(x+y+ \\
& z)^3(xy+yz+zx)^{12} + 23(xy+yz+zx)^{12}(xyz) - 23(x+y+z)(xy+yz+zx)^{13} \\
& s(26, 1, 0) = -(x+y+z)^{24}(xyz) - 24(x+y+z)^{21}(xyz)^2 - 228(x+y+ \\
& z)^{18}(xyz)^3 - 1088(x+y+z)^{15}(xyz)^4 - 2730(x+y+z)^{12}(xyz)^5 - 3432(x+y+
\end{aligned}$$

$$\begin{aligned}
& y+z)^9(xyz)^6 - 1848(x+y+z)^6(xyz)^7 - 288(x+y+z)^3(xyz)^8 - 3(xyz)^9 + \\
& (x+y+z)^{25}(xy+yz+zx) + 49(x+y+z)^{22}(xy+yz+zx)(xyz) + 730(x+y+z)^{19}(xy+yz+zx)(xyz)^2 + 4947(x+y+z)^{16}(xy+yz+zx)(xyz)^3 + 16940(x+y+z)^{13}(xy+yz+zx)(xyz)^4 + 29029(x+y+z)^{10}(xy+yz+zx)(xyz)^5 + 22308(x+y+z)^7(xy+yz+zx)(xyz)^6 + 5790(x+y+z)^4(xy+yz+zx)(xyz)^7 + 217(x+y+z)(xy+yz+zx)(xyz)^8 - 25(x+y+z)^{23}(xy+yz+zx)^2 - 777(x+y+z)^{20}(xy+yz+zx)^2(xyz) - 8379(x+y+z)^{17}(xy+yz+zx)^2(xyz)^2 - 41480(x+y+z)^{14}(xy+yz+zx)^2(xyz)^3 - 99645(x+y+z)^{11}(xy+yz+zx)^2(xyz)^4 - 109395(x+y+z)^8(xy+yz+zx)^2(xyz)^5 - 44814(x+y+z)^5(xy+yz+zx)^2(xyz)^6 - 3924(x+y+z)^2(xy+yz+zx)^2(xyz)^7 + 275(x+y+z)^{21}(xy+yz+zx)^3 + 6270(x+y+z)^{18}(xy+yz+zx)^3(xyz) + 50184(x+y+z)^{15}(xy+yz+zx)^3(xyz)^2 + 178360(x+y+z)^{12}(xy+yz+zx)^3(xyz)^3 + 285285(x+y+z)^9(xy+yz+zx)^3(xyz)^4 + 180180(x+y+z)^6(xy+yz+zx)^3(xyz)^5 + 30660(x+y+z)^3(xy+yz+zx)^3(xyz)^6 + 324(xy+yz+zx)^3(xyz)^7 - 1750(x+y+z)^{19}(xy+yz+zx)^4 - 30039(x+y+z)^{16}(xy+yz+zx)^4(xyz) - 176120(x+y+z)^{13}(xy+yz+zx)^4(xyz)^2 - 430430(x+y+z)^{10}(xy+yz+zx)^4(xyz)^3 - 420420(x+y+z)^7(xy+yz+zx)^4(xyz)^4 - 127050(x+y+z)^4(xy+yz+zx)^4(xyz)^5 - 5124(x+y+z)(xy+yz+zx)^4(xyz)^6 + 7125(x+y+z)^{17}(xy+yz+zx)^5 + 91188(x+y+z)^{14}(xy+yz+zx)^5(xyz) + 377832(x+y+z)^{11}(xy+yz+zx)^5(xyz)^2 + 591591(x+y+z)^8(xy+yz+zx)^5(xyz)^3 + 306306(x+y+z)^5(xy+yz+zx)^5(xyz)^4 + 30870(x+y+z)^2(xy+yz+zx)^5(xyz)^5 - 19380(x+y+z)^{15}(xy+yz+zx)^6 - 179452(x+y+z)^{12}(xy+yz+zx)^6(xyz) - 495495(x+y+z)^9(xy+yz+zx)^6(xyz)^2 - 444444(x+y+z)^6(xy+yz+zx)^6(xyz)^3 - 94710(x+y+z)^3(xy+yz+zx)^6(xyz)^4 - 1134(xy+yz+zx)^6(xyz)^5 + 35700(x+y+z)^{13}(xy+yz+zx)^7 + 227656(x+y+z)^{10}(xy+yz+zx)^7(xyz) + 382668(x+y+z)^7(xy+yz+zx)^7(xyz)^2 + 163020(x+y+z)^4(xy+yz+zx)^7(xyz)^3 + 8130(x+y+z)(xy+yz+zx)^7(xyz)^4 - 44200(x+y+z)^{11}(xy+yz+zx)^8 - 180180(x+y+z)^8(xy+yz+zx)^8(xyz) - 159588(x+y+z)^5(xy+yz+zx)^8(xyz)^2 - 22440(x+y+z)^2(xy+yz+zx)^8(xyz)^3 + 35750(x+y+z)^9(xy+yz+zx)^9 + 83083(x+y+z)^6(xy+yz+zx)^9(xyz) + 30030(x+y+z)^3(xy+yz+zx)^9(xyz)^2 + 495(xy+yz+zx)^9(xyz)^3 - 17875(x+y+z)^7(xy+yz+zx)^{10} - 19591(x+y+z)^4(xy+yz+zx)^{10}(xyz) - 1639(x+y+z)(xy+yz+zx)^{10}(xyz)^2 + 5005(x+y+z)^5(xy+yz+zx)^{11} + 1794(x+y+z)^2(xy+yz+zx)^{11}(xyz) - 650(x+y+z)^3(xy+yz+zx)^{12} - 27(xy+yz+zx)^{12}(xyz) + 25(x+y+z)(xy+yz+zx)^{13}
\end{aligned}$$

$$\begin{aligned}
s(27, 0, 0) = & +(x+y+z)^{27}+27(x+y+z)^{24}(xyz)+297(x+y+z)^{21}(xyz)^2+ \\
& 1710(x+y+z)^{18}(xyz)^3+5508(x+y+z)^{15}(xyz)^4+9828(x+y+z)^{12}(xyz)^5+ \\
& 9009(x+y+z)^9(xyz)^6+3564(x+y+z)^6(xyz)^7+405(x+y+z)^3(xyz)^8+ \\
& 3(xyz)^9-27(x+y+z)^{25}(xy+yz+zx)-621(x+y+z)^{22}(xy+yz+ \\
& zx)(xyz)-5670(x+y+z)^{19}(xy+yz+zx)(xyz)^2-26163(x+y+z)^{16}(xy+ \\
& yz+zx)(xyz)^3-64260(x+y+z)^{13}(xy+yz+zx)(xyz)^4-81081(x+y+ \\
& z)^{10}(xy+yz+zx)(xyz)^5-46332(x+y+z)^7(xy+yz+zx)(xyz)^6-8910(x+ \\
& y+z)^4(xy+yz+zx)(xyz)^7-243(x+y+z)(xy+yz+zx)(xyz)^8+324(x+ \\
& y+z)^{23}(xy+yz+zx)^2+6237(x+y+z)^{20}(xy+yz+zx)^2(xyz)+46170(x+ \\
& y+z)^{17}(xy+yz+zx)^2(xyz)^2+165240(x+y+z)^{14}(xy+yz+zx)^2(xyz)^3+ \\
& 294840(x+y+z)^{11}(xy+yz+zx)^2(xyz)^4+243243(x+y+z)^8(xy+yz+ \\
& zx)^2(xyz)^5+74844(x+y+z)^5(xy+yz+zx)^2(xyz)^6+4860(x+y+z)^2(xy+ \\
& yz+zx)^2(xyz)^7-2277(x+y+z)^{21}(xy+yz+zx)^3-35910(x+y+z)^{18}(xy+ \\
& yz+zx)^3(xyz)-209304(x+y+z)^{15}(xy+yz+zx)^3(xyz)^2-556920(x+ \\
& y+z)^{12}(xy+yz+zx)^3(xyz)^3-675675(x+y+z)^9(xy+yz+zx)^3(xyz)^4- \\
& 324324(x+y+z)^6(xy+yz+zx)^3(xyz)^5-41580(x+y+z)^3(xy+yz+ \\
& zx)^3(xyz)^6-324(xy+yz+zx)^3(xyz)^7+10395(x+y+z)^{19}(xy+yz+ \\
& zx)^4+130815(x+y+z)^{16}(xy+yz+zx)^4(xyz)+578340(x+y+z)^{13}(xy+ \\
& yz+zx)^4(xyz)^2+1081080(x+y+z)^{10}(xy+yz+zx)^4(xyz)^3+810810(x+ \\
& y+z)^7(xy+yz+zx)^4(xyz)^4+187110(x+y+z)^4(xy+yz+zx)^4(xyz)^5+ \\
& 5670(x+y+z)(xy+yz+zx)^4(xyz)^6-32319(x+y+z)^{17}(xy+yz+zx)^5- \\
& 313956(x+y+z)^{14}(xy+yz+zx)^5(xyz)-1002456(x+y+z)^{11}(xy+ \\
& yz+zx)^5(xyz)^2-1216215(x+y+z)^8(xy+yz+zx)^5(xyz)^3-486486(x+ \\
& y+z)^5(xy+yz+zx)^5(xyz)^4-37422(x+y+z)^2(xy+yz+zx)^5(xyz)^5+ \\
& 69768(x+y+z)^{15}(xy+yz+zx)^6+501228(x+y+z)^{12}(xy+yz+zx)^6(xyz)+ \\
& 1081080(x+y+z)^9(xy+yz+zx)^6(xyz)^2+756756(x+y+z)^6(xy+yz+ \\
& zx)^6(xyz)^3+124740(x+y+z)^3(xy+yz+zx)^6(xyz)^4+1134(xy+yz+ \\
& zx)^6(xyz)^5-104652(x+y+z)^{13}(xy+yz+zx)^7-525096(x+y+z)^{10}(xy+ \\
& yz+zx)^7(xyz)-694980(x+y+z)^7(xy+yz+zx)^7(xyz)^2-231660(x+ \\
& y+z)^4(xy+yz+zx)^7(xyz)^3-8910(x+y+z)(xy+yz+zx)^7(xyz)^4+ \\
& 107406(x+y+z)^{11}(xy+yz+zx)^8+347490(x+y+z)^8(xy+yz+zx)^8(xyz)+ \\
& 243243(x+y+z)^5(xy+yz+zx)^8(xyz)^2+26730(x+y+z)^2(xy+yz+ \\
& zx)^8(xyz)^3-72930(x+y+z)^9(xy+yz+zx)^9-135135(x+y+z)^6(xy+ \\
& yz+zx)^9(xyz)-38610(x+y+z)^3(xy+yz+zx)^9(xyz)^2-495(xy+yz+ \\
& zx)^9(xyz)^3+30888(x+y+z)^7(xy+yz+zx)^{10}+27027(x+y+z)^4(xy+
\end{aligned}$$

$$yz + zx)^{10}(xyz) + 1782(x + y + z)(xy + yz + zx)^{10}(xyz)^2 - 7371(x + y + z)^5(xy + yz + zx)^{11} - 2106(x + y + z)^2(xy + yz + zx)^{11}(xyz) + 819(x + y + z)^3(xy + yz + zx)^{12} + 27(xy + yz + zx)^{12}(xyz) - 27(x + y + z)(xy + yz + zx)^{13}$$

$$\begin{aligned} s(14, 14, 0) = & -2(x + y + z)^7(xyz)^7 + 35(x + y + z)^4(xyz)^8 - 14(x + y + z)(xyz)^9 - 84(x + y + z)^5(xy + yz + zx)(xyz)^7 + 140(x + y + z)^2(xy + yz + zx)(xyz)^8 + 49(x + y + z)^6(xy + yz + zx)^2(xyz)^6 - 420(x + y + z)^3(xy + yz + zx)^2(xyz)^7 + 35(xy + yz + zx)^2(xyz)^8 + 490(x + y + z)^4(xy + yz + zx)^3(xyz)^6 - 280(x + y + z)(xy + yz + zx)^3(xyz)^7 - 196(x + y + z)^5(xy + yz + zx)^4(xyz)^5 + 735(x + y + z)^2(xy + yz + zx)^4(xyz)^6 - 784(x + y + z)^3(xy + yz + zx)^5(xyz)^5 + 98(xy + yz + zx)^5(xyz)^6 + 294(x + y + z)^4(xy + yz + zx)^6(xyz)^4 - 392(x + y + z)(xy + yz + zx)^6(xyz)^5 + 504(x + y + z)^2(xy + yz + zx)^7(xyz)^4 - 210(x + y + z)^3(xy + yz + zx)^8(xyz)^3 + 63(xy + yz + zx)^8(xyz)^4 - 140(x + y + z)(xy + yz + zx)^9(xyz)^3 + 77(x + y + z)^2(xy + yz + zx)^{10}(xyz)^2 + 14(xy + yz + zx)^{11}(xyz)^2 - 14(x + y + z)(xy + yz + zx)^{12}(xyz) + (xy + yz + zx)^{14} \end{aligned}$$

$$\begin{aligned} s(15, 13, 0) = & -13(x + y + z)^7(xyz)^7 + 15(x + y + z)^4(xyz)^8 + 11(x + y + z)(xyz)^9 + 13(x + y + z)^8(xy + yz + zx)(xyz)^6 - 93(x + y + z)^5(xy + yz + zx)(xyz)^7 - 105(x + y + z)^2(xy + yz + zx)(xyz)^8 + 169(x + y + z)^6(xy + yz + zx)^2(xyz)^6 + 240(x + y + z)^3(xy + yz + zx)^2(xyz)^7 - 48(xy + yz + zx)^2(xyz)^8 - 91(x + y + z)^7(xy + yz + zx)^3(xyz)^5 - 55(x + y + z)^4(xy + yz + zx)^3(xyz)^6 + 370(x + y + z)(xy + yz + zx)^3(xyz)^7 - 273(x + y + z)^5(xy + yz + zx)^4(xyz)^5 - 880(x + y + z)^2(xy + yz + zx)^4(xyz)^6 + 182(x + y + z)^6(xy + yz + zx)^5(xyz)^4 + 714(x + y + z)^3(xy + yz + zx)^5(xyz)^5 - 163(xy + yz + zx)^5(xyz)^6 + 623(x + y + z)(xy + yz + zx)^6(xyz)^5 - 156(x + y + z)^5(xy + yz + zx)^7(xyz)^3 - 720(x + y + z)^2(xy + yz + zx)^7(xyz)^4 + 195(x + y + z)^3(xy + yz + zx)^8(xyz)^3 - 115(xy + yz + zx)^8(xyz)^4 + 65(x + y + z)^4(xy + yz + zx)^9(xyz)^2 + 245(x + y + z)(xy + yz + zx)^9(xyz)^3 - 117(x + y + z)^2(xy + yz + zx)^{10}(xyz)^2 - 13(x + y + z)^3(xy + yz + zx)^{11}(xyz) - 27(xy + yz + zx)^{11}(xyz)^2 + 26(x + y + z)(xy + yz + zx)^{12}(xyz) + (x + y + z)^2(xy + yz + zx)^{13} - 2(xy + yz + zx)^{14} \end{aligned}$$

$$\begin{aligned} s(16, 12, 0) = & +2(x + y + z)^{10}(xyz)^6 - 16(x + y + z)^7(xyz)^7 - 95(x + y + z)^4(xyz)^8 + 20(x + y + z)(xyz)^9 + 52(x + y + z)^8(xy + yz + zx)(xyz)^6 + 288(x + y + z)^5(xy + yz + zx)(xyz)^7 - 228(x + y + z)^2(xy + yz + zx)(xyz)^8 - 36(x + y + z)^9(xy + yz + zx)^2(xyz)^5 - 200(x + y + z)^6(xy + yz + zx)^2(xyz)^6 + 880(x + y + z)^3(xy + yz + zx)^2(xyz)^7 - 6(xy + yz + zx)^2(xyz)^8 - 96(x + y + z)^7(xy + yz + zx)^3(xyz)^5 - 1520(x + y + z)^4(xy + yz + zx)^3(xyz)^6 + 96(x + y + \end{aligned}$$

$$\begin{aligned}
& z)(xy+yz+zx)^3(xyz)^7 + 105(x+y+z)^8(xy+yz+zx)^4(xyz)^4 + 1128(x+y+z)^5(xy+yz+zx)^4(xyz)^5 - 540(x+y+z)^2(xy+yz+zx)^4(xyz)^6 - 168(x+y+z)^6(xy+yz+zx)^5(xyz)^4 + 1248(x+y+z)^3(xy+yz+zx)^5(xyz)^5 + 72(xy+yz+zx)^5(xyz)^6 - 112(x+y+z)^7(xy+yz+zx)^6(xyz)^3 - 1204(x+y+z)^4(xy+yz+zx)^6(xyz)^4 - 184(x+y+z)(xy+yz+zx)^6(xyz)^5 + 352(x+y+z)^5(xy+yz+zx)^7(xyz)^3 - 48(x+y+z)^2(xy+yz+zx)^7(xyz)^4 + 54(x+y+z)^6(xy+yz+zx)^8(xyz)^2 + 376(x+y+z)^3(xy+yz+zx)^8(xyz)^3 + 83(xy+yz+zx)^8(xyz)^4 - 204(x+y+z)^4(xy+yz+zx)^9(xyz)^2 - 144(x+y+z)(xy+yz+zx)^9(xyz)^3 - 12(x+y+z)^5(xy+yz+zx)^10(xyz) + 12(x+y+z)^2(xy+yz+zx)^10(xyz)^2 + 48(x+y+z)^3(xy+yz+zx)^11(xyz) + 24(xy+yz+zx)^11(xyz)^2 + (x+y+z)^4(xy+yz+zx)^12 - 20(x+y+z)(xy+yz+zx)^12(xyz) - 4(x+y+z)^2(xy+yz+zx)^13 + 2(xy+yz+zx)^14
\end{aligned}$$

$$\begin{aligned}
s(17, 11, 0) = & +11(x+y+z)^{10}(xyz)^6 + 55(x+y+z)^7(xyz)^7 - 33(x+y+z)^4(xyz)^8 - 28(x+y+z)(xyz)^9 - 11(x+y+z)^{11}(xy+yz+zx)(xyz)^5 - 66(x+y+z)^8(xy+yz+zx)(xyz)^6 + 297(x+y+z)^5(xy+yz+zx)(xyz)^7 + 325(x+y+z)^2(xy+yz+zx)(xyz)^8 - 44(x+y+z)^9(xy+yz+zx)^2(xyz)^5 - 803(x+y+z)^6(xy+yz+zx)^2(xyz)^6 - 1089(x+y+z)^3(xy+yz+zx)^2(xyz)^7 + 61(xy+yz+zx)^2(xyz)^8 + 55(x+y+z)^{10}(xy+yz+zx)^3(xyz)^4 + 781(x+y+z)^7(xy+yz+zx)^3(xyz)^5 + 1265(x+y+z)^4(xy+yz+zx)^3(xyz)^6 - 567(x+y+z)(xy+yz+zx)^3(xyz)^7 - 165(x+y+z)^8(xy+yz+zx)^4(xyz)^4 + 22(x+y+z)^5(xy+yz+zx)^4(xyz)^5 + 1881(x+y+z)^2(xy+yz+zx)^4(xyz)^6 - 77(x+y+z)^9(xy+yz+zx)^5(xyz)^3 - 924(x+y+z)^6(xy+yz+zx)^5(xyz)^4 - 2783(x+y+z)^3(xy+yz+zx)^5(xyz)^5 + 54(xy+yz+zx)^5(xyz)^6 + 385(x+y+z)^7(xy+yz+zx)^6(xyz)^3 + 1639(x+y+z)^4(xy+yz+zx)^6(xyz)^4 - 407(x+y+z)(xy+yz+zx)^6(xyz)^5 + 44(x+y+z)^8(xy+yz+zx)^7(xyz)^2 + 33(x+y+z)^5(xy+yz+zx)^7(xyz)^3 + 1023(x+y+z)^2(xy+yz+zx)^7(xyz)^4 - 253(x+y+z)^6(xy+yz+zx)^8(xyz)^2 - 1001(x+y+z)^3(xy+yz+zx)^8(xyz)^3 - 33(xy+yz+zx)^8(xyz)^4 - 11(x+y+z)^7(xy+yz+zx)^9(xyz) + 264(x+y+z)^4(xy+yz+zx)^9(xyz)^2 - 11(x+y+z)(xy+yz+zx)^9(xyz)^3 + 66(x+y+z)^5(xy+yz+zx)^10(xyz) + 143(x+y+z)^2(xy+yz+zx)^10(xyz)^2 + (x+y+z)^6(xy+yz+zx)^11 - 93(x+y+z)^3(xy+yz+zx)^11(xyz) - 19(xy+yz+zx)^11(xyz)^2 - 6(x+y+z)^4(xy+yz+zx)^12 + 10(x+y+z)(xy+yz+zx)^12(xyz) + 9(x+y+z)^2(xy+yz+zx)^13 - 2(xy+yz+zx)^14
\end{aligned}$$

$$\begin{aligned}
s(18, 10, 0) = & -2(x+y+z)^{13}(xyz)^5 - (x+y+z)^{10}(xyz)^6 + 96(x+y+z)^7(xyz)^7 + 180(x+y+z)^4(xyz)^8 + 2(x+y+z)(xyz)^9 - 24(x+y+z)^{11}(xy+
\end{aligned}$$

$$\begin{aligned}
&yz + zx)(xyz)^5 - 366(x + y + z)^8(xy + yz + zx)(xyz)^6 - 864(x + y + z)^5(xy + \\
&yz + zx)(xyz)^7 + 25(x + y + z)^{12}(xy + yz + zx)^2(xyz)^4 + 420(x + y + z)^9(xy + \\
&yz + zx)^2(xyz)^5 + 1272(x + y + z)^6(xy + yz + zx)^2(xyz)^6 - 360(x + y + z)^3(xy + \\
&yz + zx)^2(xyz)^7 - 81(xy + yz + zx)^2(xyz)^8 - 100(x + y + z)^{10}(xy + yz + \\
&zx)^3(xyz)^4 - 288(x + y + z)^7(xy + yz + zx)^3(xyz)^5 + 1920(x + y + z)^4(xy + \\
&yz + zx)^3(xyz)^6 + 720(x + y + z)(xy + yz + zx)^3(xyz)^7 - 50(x + y + z)^{11}(xy + \\
&yz + zx)^4(xyz)^3 - 675(x + y + z)^8(xy + yz + zx)^4(xyz)^4 - 3564(x + y + \\
&z)^5(xy + yz + zx)^4(xyz)^5 - 2070(x + y + z)^2(xy + yz + zx)^4(xyz)^6 + 340(x + \\
&y + z)^9(xy + yz + zx)^5(xyz)^3 + 2520(x + y + z)^6(xy + yz + zx)^5(xyz)^4 + \\
&2160(x + y + z)^3(xy + yz + zx)^5(xyz)^5 - 180(xy + yz + zx)^5(xyz)^6 + 35(x + y + \\
&z)^{10}(xy + yz + zx)^6(xyz)^2 - 240(x + y + z)^7(xy + yz + zx)^6(xyz)^3 + 90(x + y + \\
&z)^4(xy + yz + zx)^6(xyz)^4 + 960(x + y + z)(xy + yz + zx)^6(xyz)^5 - 270(x + y + \\
&z)^8(xy + yz + zx)^7(xyz)^2 - 1440(x + y + z)^5(xy + yz + zx)^7(xyz)^3 - 1800(x + \\
&y + z)^2(xy + yz + zx)^7(xyz)^4 - 10(x + y + z)^9(xy + yz + zx)^8(xyz) + 540(x + y + \\
&z)^6(xy + yz + zx)^8(xyz)^2 + 1260(x + y + z)^3(xy + yz + zx)^8(xyz)^3 - 30(xy + \\
&yz + zx)^8(xyz)^4 + 80(x + y + z)^7(xy + yz + zx)^9(xyz) - 40(x + y + z)^4(xy + \\
&yz + zx)^9(xyz)^2 + 200(x + y + z)(xy + yz + zx)^9(xyz)^3 + (x + y + z)^8(xy + \\
&yz + zx)^{10} - 192(x + y + z)^5(xy + yz + zx)^{10}(xyz) - 318(x + y + z)^2(xy + \\
&yz + zx)^{10}(xyz)^2 - 8(x + y + z)^6(xy + yz + zx)^{11} + 128(x + y + z)^3(xy + yz + \\
&zx)^{11}(xyz) + 12(xy + yz + zx)^{11}(xyz)^2 + 20(x + y + z)^4(xy + yz + zx)^{12} + 4(x + \\
&y + z)(xy + yz + zx)^{12}(xyz) - 16(x + y + z)^2(xy + yz + zx)^{13} + 2(xy + yz + zx)^{14}
\end{aligned}$$

$$\begin{aligned}
s(19, 9, 0) = &-9(x + y + z)^{13}(xyz)^5 - 87(x + y + z)^{10}(xyz)^6 - 195(x + y + \\
&z)^7(xyz)^7 - 15(x + y + z)^4(xyz)^8 + 29(x + y + z)(xyz)^9 + 9(x + y + z)^{14}(xy + \\
&yz + zx)(xyz)^4 + 153(x + y + z)^{11}(xy + yz + zx)(xyz)^5 + 465(x + y + z)^8(xy + \\
&yz + zx)(xyz)^6 - 225(x + y + z)^5(xy + yz + zx)(xyz)^7 - 450(x + y + z)^2(xy + \\
&yz + zx)(xyz)^8 - 36(x + y + z)^{12}(xy + yz + zx)^2(xyz)^4 - 45(x + y + z)^9(xy + \\
&yz + zx)^2(xyz)^5 + 1635(x + y + z)^6(xy + yz + zx)^2(xyz)^6 + 2325(x + y + \\
&z)^3(xy + yz + zx)^2(xyz)^7 + 45(xy + yz + zx)^2(xyz)^8 - 30(x + y + z)^{13}(xy + yz + \\
&zx)^3(xyz)^3 - 507(x + y + z)^{10}(xy + yz + zx)^3(xyz)^4 - 3405(x + y + z)^7(xy + \\
&yz + zx)^3(xyz)^5 - 5445(x + y + z)^4(xy + yz + zx)^3(xyz)^6 - 345(x + y + z)(xy + \\
&yz + zx)^3(xyz)^7 + 255(x + y + z)^{11}(xy + yz + zx)^4(xyz)^3 + 2610(x + y + \\
&z)^8(xy + yz + zx)^4(xyz)^4 + 5760(x + y + z)^5(xy + yz + zx)^4(xyz)^5 + 435(x + y + \\
&z)^2(xy + yz + zx)^4(xyz)^6 + 27(x + y + z)^{12}(xy + yz + zx)^5(xyz)^2 - 330(x + y + \\
&z)^9(xy + yz + zx)^5(xyz)^3 - 1470(x + y + z)^6(xy + yz + zx)^5(xyz)^4 + 1503(x + \\
&y + z)^3(xy + yz + zx)^5(xyz)^5 + 264(xy + yz + zx)^5(xyz)^6 - 261(x + y +
\end{aligned}$$

$$\begin{aligned}
& z)^{10}(xy+yz+zx)^6(xyz)^2-1605(x+y+z)^7(xy+yz+zx)^6(xyz)^3-4263(x+y+z)^4(xy+yz+zx)^6(xyz)^4-1251(x+y+z)(xy+yz+zx)^6(xyz)^5-9(x+y+z)^{11}(xy+yz+zx)^7(xyz)+765(x+y+z)^8(xy+yz+zx)^7(xyz)^2+3435(x+y+z)^5(xy+yz+zx)^7(xyz)^3+1917(x+y+z)^2(xy+yz+zx)^7(xyz)^4+90(x+y+z)^9(xy+yz+zx)^8(xyz)-495(x+y+z)^6(xy+yz+zx)^8(xyz)^2-705(x+y+z)^3(xy+yz+zx)^8(xyz)^3+99(xy+yz+zx)^8(xyz)^4+(x+y+z)^{10}(xy+yz+zx)^9-305(x+y+z)^7(xy+yz+zx)^9(xyz)-650(x+y+z)^4(xy+yz+zx)^9(xyz)^2-395(x+y+z)(xy+yz+zx)^9(xyz)^3-10(x+y+z)^8(xy+yz+zx)^{10}+390(x+y+z)^5(xy+yz+zx)^{10}(xyz)+471(x+y+z)^2(xy+yz+zx)^{10}(xyz)^2+35(x+y+z)^6(xy+yz+zx)^{11}-125(x+y+z)^3(xy+yz+zx)^{11}(xyz)-3(xy+yz+zx)^{11}(xyz)^2-50(x+y+z)^4(xy+yz+zx)^{12}-22(x+y+z)(xy+yz+zx)^{12}(xyz)+25(x+y+z)^2(xy+yz+zx)^{13}-2(xy+yz+zx)^{14}
\end{aligned}$$

$$\begin{aligned}
s(20, 8, 0) = & +2(x+y+z)^{16}(xyz)^4+16(x+y+z)^{13}(xyz)^5-12(x+y+z)^{10}(xyz)^6-256(x+y+z)^7(xyz)^7-315(x+y+z)^4(xyz)^8-28(x+y+z)(xyz)^9+192(x+y+z)^{11}(xy+yz+zx)(xyz)^5+1416(x+y+z)^8(xy+yz+zx)(xyz)^6+2304(x+y+z)^5(xy+yz+zx)(xyz)^7+460(x+y+z)^2(xy+yz+zx)(xyz)^8-16(x+y+z)^{15}(xy+yz+zx)^2(xyz)^3-360(x+y+z)^{12}(xy+yz+zx)^2(xyz)^4-2760(x+y+z)^9(xy+yz+zx)^2(xyz)^5-6112(x+y+z)^6(xy+yz+zx)^2(xyz)^6-2160(x+y+z)^3(xy+yz+zx)^2(xyz)^7+34(xy+yz+zx)^2(xyz)^8+160(x+y+z)^{13}(xy+yz+zx)^3(xyz)^3+2080(x+y+z)^{10}(xy+yz+zx)^3(xyz)^4+6848(x+y+z)^7(xy+yz+zx)^3(xyz)^5+3520(x+y+z)^4(xy+yz+zx)^3(xyz)^6-480(x+y+z)(xy+yz+zx)^3(xyz)^7+20(x+y+z)^{14}(xy+yz+zx)^4(xyz)^2-240(x+y+z)^{11}(xy+yz+zx)^4(xyz)^3-1950(x+y+z)^8(xy+yz+zx)^4(xyz)^4+224(x+y+z)^5(xy+yz+zx)^4(xyz)^5+2700(x+y+z)^2(xy+yz+zx)^4(xyz)^6-232(x+y+z)^{12}(xy+yz+zx)^5(xyz)^2-1760(x+y+z)^9(xy+yz+zx)^5(xyz)^3-6384(x+y+z)^6(xy+yz+zx)^5(xyz)^4-7168(x+y+z)^3(xy+yz+zx)^5(xyz)^5-264(xy+yz+zx)^5(xyz)^6-8(x+y+z)^{13}(xy+yz+zx)^6(xyz)+888(x+y+z)^{10}(xy+yz+zx)^6(xyz)^2+5840(x+y+z)^7(xy+yz+zx)^6(xyz)^3+8960(x+y+z)^4(xy+yz+zx)^6(xyz)^4+1064(x+y+z)(xy+yz+zx)^6(xyz)^5+96(x+y+z)^{11}(xy+yz+zx)^7(xyz)-1040(x+y+z)^8(xy+yz+zx)^7(xyz)^2-4128(x+y+z)^5(xy+yz+zx)^7(xyz)^3-960(x+y+z)^2(xy+yz+zx)^7(xyz)^4+(x+y+z)^{12}(xy+yz+zx)^8-420(x+y+z)^9(xy+yz+zx)^8(xyz)-770(x+y+z)^6(xy+yz+zx)^8(xyz)^2-1000(x+y+z)^3(xy+yz+zx)^8(xyz)^3-165(xy+yz+zx)^8(xyz)^4-12(x+y+z)^{10}(xy+yz+zx)^9+800(x+y+z)^7(xy+yz+zx)^9(xyz)+1860(x+y+z)^4(xy+yz+
\end{aligned}$$

$$zx)^9(xyz)^2 + 560(x+y+z)(xy+yz+zx)^9(xyz)^3 + 54(x+y+z)^8(xy+yz+zx)^{10} - 588(x+y+z)^5(xy+yz+zx)^{10}(xyz) - 548(x+y+z)^2(xy+yz+zx)^{10}(xyz)^2 - 112(x+y+z)^6(xy+yz+zx)^{11} + 48(x+y+z)^3(xy+yz+zx)^{11}(xyz) - 8(xy+yz+zx)^{11}(xyz)^2 + 105(x+y+z)^4(xy+yz+zx)^{12} + 44(x+y+z)(xy+yz+zx)^{12}(xyz) - 36(x+y+z)^2(xy+yz+zx)^{13} + 2(xy+yz+zx)^{14}$$

$$\begin{aligned} s(21, 7, 0) = & +7(x+y+z)^{16}(xyz)^4 + 98(x+y+z)^{13}(xyz)^5 + 441(x+y+z)^{10}(xyz)^6 + 685(x+y+z)^7(xyz)^7 + 238(x+y+z)^4(xyz)^8 - 7(x+y+z)(xyz)^9 - 7(x+y+z)^{17}(xy+yz+zx)(xyz)^3 - 189(x+y+z)^{14}(xy+yz+zx)(xyz)^4 - 1323(x+y+z)^{11}(xy+yz+zx)(xyz)^5 - 2989(x+y+z)^8(xy+yz+zx)(xyz)^6 - 1512(x+y+z)^5(xy+yz+zx)(xyz)^7 + 168(x+y+z)^2(xy+yz+zx)(xyz)^8 + 77(x+y+z)^{15}(xy+yz+zx)^2(xyz)^3 + 1127(x+y+z)^{12}(xy+yz+zx)^2(xyz)^4 + 3969(x+y+z)^9(xy+yz+zx)^2(xyz)^5 + 2303(x+y+z)^6(xy+yz+zx)^2(xyz)^6 - 1631(x+y+z)^3(xy+yz+zx)^2(xyz)^7 - 105(xy+yz+zx)^2(xyz)^8 + 14(x+y+z)^{16}(xy+yz+zx)^3(xyz)^2 - 49(x+y+z)^{13}(xy+yz+zx)^3(xyz)^3 - 637(x+y+z)^{10}(xy+yz+zx)^3(xyz)^4 + 2499(x+y+z)^7(xy+yz+zx)^3(xyz)^5 + 7595(x+y+z)^4(xy+yz+zx)^3(xyz)^6 + 1281(x+y+z)(xy+yz+zx)^3(xyz)^7 - 189(x+y+z)^{14}(xy+yz+zx)^4(xyz)^2 - 2009(x+y+z)^{11}(xy+yz+zx)^4(xyz)^3 - 9555(x+y+z)^8(xy+yz+zx)^4(xyz)^4 - 17787(x+y+z)^5(xy+yz+zx)^4(xyz)^5 - 5586(x+y+z)^2(xy+yz+zx)^4(xyz)^6 - 7(x+y+z)^{15}(xy+yz+zx)^5(xyz) + 882(x+y+z)^{12}(xy+yz+zx)^5(xyz)^2 + 7987(x+y+z)^9(xy+yz+zx)^5(xyz)^3 + 20580(x+y+z)^6(xy+yz+zx)^5(xyz)^4 + 11172(x+y+z)^3(xy+yz+zx)^5(xyz)^5 + 147(xy+yz+zx)^5(xyz)^6 + 98(x+y+z)^{13}(xy+yz+zx)^6(xyz) - 1421(x+y+z)^{10}(xy+yz+zx)^6(xyz)^2 - 9506(x+y+z)^7(xy+yz+zx)^6(xyz)^3 - 9506(x+y+z)^4(xy+yz+zx)^6(xyz)^4 - 245(x+y+z)(xy+yz+zx)^6(xyz)^5 + (x+y+z)^{14}(xy+yz+zx)^7 - 525(x+y+z)^{11}(xy+yz+zx)^7(xyz) - 819(x+y+z)^8(xy+yz+zx)^7(xyz)^2 + 98(x+y+z)^5(xy+yz+zx)^7(xyz)^3 - 1302(x+y+z)^2(xy+yz+zx)^7(xyz)^4 - 14(x+y+z)^{12}(xy+yz+zx)^8 + 1330(x+y+z)^9(xy+yz+zx)^8(xyz) + 4410(x+y+z)^6(xy+yz+zx)^8(xyz)^2 + 3899(x+y+z)^3(xy+yz+zx)^8(xyz)^3 + 217(xy+yz+zx)^8(xyz)^4 + 77(x+y+z)^{10}(xy+yz+zx)^9 - 1554(x+y+z)^7(xy+yz+zx)^9(xyz) - 3381(x+y+z)^4(xy+yz+zx)^9(xyz)^2 - 651(x+y+z)(xy+yz+zx)^9(xyz)^3 - 210(x+y+z)^8(xy+yz+zx)^{10} + 588(x+y+z)^5(xy+yz+zx)^{10}(xyz) + 483(x+y+z)^2(xy+yz+zx)^{10}(xyz)^2 + 294(x+y+z)^6(xy+yz+zx)^{11} + 147(x+y+z)^3(xy+yz+zx)^{11}(xyz) + 21(xy+yz+zx)^{11}(xyz)^2 - 196(x+y+z)^4(xy+yz+zx)^{12} - 70(x+y+z) \end{aligned}$$

$$z)(xy+yz+zx)^{12}(xyz) + 49(x+y+z)^2(xy+yz+zx)^{13} - 2(xy+yz+zx)^{14}$$

$$\begin{aligned} s(22, 6, 0) = & -2(x+y+z)^{19}(xyz)^3 - 29(x+y+z)^{16}(xyz)^4 - 128(x+y+z)^{13}(xyz)^5 - 121(x+y+z)^{10}(xyz)^6 + 286(x+y+z)^7(xyz)^7 + 363(x+y+z)^4(xyz)^8 + 38(x+y+z)(xyz)^9 + 20(x+y+z)^{17}(xy+yz+zx)(xyz)^3 + 144(x+y+z)^{14}(xy+yz+zx)(xyz)^4 - 192(x+y+z)^{11}(xy+yz+zx)(xyz)^5 - 2662(x+y+z)^8(xy+yz+zx)(xyz)^6 - 3828(x+y+z)^5(xy+yz+zx)(xyz)^7 - 852(x+y+z)^2(xy+yz+zx)(xyz)^8 + 9(x+y+z)^{18}(xy+yz+zx)^2(xyz)^2 + 128(x+y+z)^{15}(xy+yz+zx)^2(xyz)^3 + 1648(x+y+z)^{12}(xy+yz+zx)^2(xyz)^4 + 8976(x+y+z)^9(xy+yz+zx)^2(xyz)^5 + 15785(x+y+z)^6(xy+yz+zx)^2(xyz)^6 + 6204(x+y+z)^3(xy+yz+zx)^2(xyz)^7 + 105(xy+yz+zx)^2(xyz)^8 - 138(x+y+z)^{16}(xy+yz+zx)^3(xyz)^2 - 2176(x+y+z)^{13}(xy+yz+zx)^3(xyz)^3 - 13728(x+y+z)^{10}(xy+yz+zx)^3(xyz)^4 - 32384(x+y+z)^7(xy+yz+zx)^3(xyz)^5 - 20790(x+y+z)^4(xy+yz+zx)^3(xyz)^6 - 1304(x+y+z)(xy+yz+zx)^3(xyz)^7 - 6(x+y+z)^{17}(xy+yz+zx)^4(xyz) + 744(x+y+z)^{14}(xy+yz+zx)^4(xyz)^2 + 9144(x+y+z)^{11}(xy+yz+zx)^4(xyz)^3 + 33660(x+y+z)^8(xy+yz+zx)^4(xyz)^4 + 35112(x+y+z)^5(xy+yz+zx)^4(xyz)^5 + 5159(x+y+z)^2(xy+yz+zx)^4(xyz)^6 + 96(x+y+z)^{15}(xy+yz+zx)^5(xyz) - 1392(x+y+z)^{12}(xy+yz+zx)^5(xyz)^2 - 14256(x+y+z)^9(xy+yz+zx)^5(xyz)^3 - 27104(x+y+z)^6(xy+yz+zx)^5(xyz)^4 - 7392(x+y+z)^3(xy+yz+zx)^5(xyz)^5 + 98(xy+yz+zx)^5(xyz)^6 + (x+y+z)^{16}(xy+yz+zx)^6 - 608(x+y+z)^{13}(xy+yz+zx)^6(xyz) - 1364(x+y+z)^{10}(xy+yz+zx)^6(xyz)^2 + 2112(x+y+z)^7(xy+yz+zx)^6(xyz)^3 - 924(x+y+z)^4(xy+yz+zx)^6(xyz)^4 - 1232(x+y+z)(xy+yz+zx)^6(xyz)^5 - 16(x+y+z)^{14}(xy+yz+zx)^7 + 1920(x+y+z)^{11}(xy+yz+zx)^7(xyz) + 8712(x+y+z)^8(xy+yz+zx)^7(xyz)^2 + 12672(x+y+z)^5(xy+yz+zx)^7(xyz)^3 + 4752(x+y+z)^2(xy+yz+zx)^7(xyz)^4 + 104(x+y+z)^{12}(xy+yz+zx)^8 - 3080(x+y+z)^9(xy+yz+zx)^8(xyz) - 11088(x+y+z)^6(xy+yz+zx)^8(xyz)^2 - 7524(x+y+z)^3(xy+yz+zx)^8(xyz)^3 - 242(xy+yz+zx)^8(xyz)^4 - 352(x+y+z)^{10}(xy+yz+zx)^9 + 2112(x+y+z)^7(xy+yz+zx)^9(xyz) + 4576(x+y+z)^4(xy+yz+zx)^9(xyz)^2 + 616(x+y+z)(xy+yz+zx)^9(xyz)^3 + 660(x+y+z)^8(xy+yz+zx)^{10} - 198(x+y+z)^2(xy+yz+zx)^{10}(xyz)^2 - 672(x+y+z)^6(xy+yz+zx)^{11} - 512(x+y+z)^3(xy+yz+zx)^{11}(xyz) - 36(xy+yz+zx)^{11}(xyz)^2 + 336(x+y+z)^4(xy+yz+zx)^{12} + 100(x+y+z)(xy+yz+zx)^{12}(xyz) - 64(x+y+z)^2(xy+yz+zx)^{13} + 2(xy+yz+zx)^{14} \end{aligned}$$

$$s(23, 5, 0) = -5(x+y+z)^{19}(xyz)^3 - 90(x+y+z)^{16}(xyz)^4 - 586(x+y+z)$$

$$\begin{aligned}
& z)^{13}(xyz)^5 - 1663(x+y+z)^{10}(xyz)^6 - 1942(x+y+z)^7(xyz)^7 - 695(x+y+z)^4(xyz)^8 - 28(x+y+z)(xyz)^9 + 5(x+y+z)^{20}(xy+yz+zx)(xyz)^2 + 180(x+y+z)^{17}(xy+yz+zx)(xyz)^3 + 1845(x+y+z)^{14}(xy+yz+zx)(xyz)^4 + 7603(x+y+z)^{11}(xy+yz+zx)(xyz)^5 + 12807(x+y+z)^8(xy+yz+zx)(xyz)^6 + 7203(x+y+z)^5(xy+yz+zx)(xyz)^7 + 685(x+y+z)^2(xy+yz+zx)(xyz)^8 - 85(x+y+z)^{18}(xy+yz+zx)^2(xyz)^2 - 1845(x+y+z)^{15}(xy+yz+zx)^2(xyz)^3 - 12375(x+y+z)^{12}(xy+yz+zx)^2(xyz)^4 - 31490(x+y+z)^9(xy+yz+zx)^2(xyz)^5 - 27454(x+y+z)^6(xy+yz+zx)^2(xyz)^6 - 5025(x+y+z)^3(xy+yz+zx)^2(xyz)^7 - 11(xy+yz+zx)^2(xyz)^8 - 5(x+y+z)^{19}(xy+yz+zx)^3(xyz) + 495(x+y+z)^{16}(xy+yz+zx)^3(xyz)^2 + 7905(x+y+z)^{13}(xy+yz+zx)^3(xyz)^3 + 34485(x+y+z)^{10}(xy+yz+zx)^3(xyz)^4 + 47946(x+y+z)^7(xy+yz+zx)^3(xyz)^5 + 15050(x+y+z)^4(xy+yz+zx)^3(xyz)^6 + 25(x+y+z)(xy+yz+zx)^3(xyz)^7 + 90(x+y+z)^{17}(xy+yz+zx)^4(xyz) - 795(x+y+z)^{14}(xy+yz+zx)^4(xyz)^2 - 13275(x+y+z)^{11}(xy+yz+zx)^4(xyz)^3 - 34425(x+y+z)^8(xy+yz+zx)^4(xyz)^4 - 16352(x+y+z)^5(xy+yz+zx)^4(xyz)^5 + 1470(x+y+z)^2(xy+yz+zx)^4(xyz)^6 + (x+y+z)^{18}(xy+yz+zx)^5 - 657(x+y+z)^{15}(xy+yz+zx)^5(xyz) - 3198(x+y+z)^{12}(xy+yz+zx)^5(xyz)^2 - 3135(x+y+z)^9(xy+yz+zx)^5(xyz)^3 - 9072(x+y+z)^6(xy+yz+zx)^5(xyz)^4 - 10598(x+y+z)^3(xy+yz+zx)^5(xyz)^5 - 434(xy+yz+zx)^5(xyz)^6 - 18(x+y+z)^{16}(xy+yz+zx)^6 + 2478(x+y+z)^{13}(xy+yz+zx)^6(xyz) + 16137(x+y+z)^{10}(xy+yz+zx)^6(xyz)^2 + 35730(x+y+z)^7(xy+yz+zx)^6(xyz)^3 + 28770(x+y+z)^4(xy+yz+zx)^6(xyz)^4 + 3164(x+y+z)(xy+yz+zx)^6(xyz)^5 + 135(x+y+z)^{14}(xy+yz+zx)^7 - 5031(x+y+z)^{11}(xy+yz+zx)^7(xyz) - 27225(x+y+z)^8(xy+yz+zx)^7(xyz)^2 - 36234(x+y+z)^5(xy+yz+zx)^7(xyz)^3 - 8730(x+y+z)^2(xy+yz+zx)^7(xyz)^4 - 546(x+y+z)^{12}(xy+yz+zx)^8 + 4950(x+y+z)^9(xy+yz+zx)^8(xyz) + 19350(x+y+z)^6(xy+yz+zx)^8(xyz)^2 + 10635(x+y+z)^3(xy+yz+zx)^8(xyz)^3 + 225(xy+yz+zx)^8(xyz)^4 + 1287(x+y+z)^{10}(xy+yz+zx)^9 - 990(x+y+z)^7(xy+yz+zx)^9(xyz) - 4185(x+y+z)^4(xy+yz+zx)^9(xyz)^2 - 395(x+y+z)(xy+yz+zx)^9(xyz)^3 - 1782(x+y+z)^8(xy+yz+zx)^{10} - 1836(x+y+z)^5(xy+yz+zx)^{10}(xyz) - 397(x+y+z)^2(xy+yz+zx)^{10}(xyz)^2 + 1386(x+y+z)^6(xy+yz+zx)^{11} + 1107(x+y+z)^3(xy+yz+zx)^{11}(xyz) + 53(xy+yz+zx)^{11}(xyz)^2 - 540(x+y+z)^4(xy+yz+zx)^{12} - 134(x+y+z)(xy+yz+zx)^{12}(xyz) + 81(x+y+z)^2(xy+yz+zx)^{13} - 2(xy+yz+zx)^{14} \\
s(24, 4, 0) = +2(x+y+z)^{22}(xyz)^2 + 40(x+y+z)^{19}(xyz)^3 + 299(x+y+z)
\end{aligned}$$

$$\begin{aligned}
& z)^{16}(xyz)^4 + 1024(x+y+z)^{13}(xyz)^5 + 1562(x+y+z)^{10}(xyz)^6 + 816(x+y+z)^7(xy z)^7 - 16(x+y+z)(xyz)^9 - 36(x+y+z)^{20}(xy+yz+zx)(xyz)^2 - \\
& 560(x+y+z)^{17}(xy+yz+zx)(xyz)^3 - 3024(x+y+z)^{14}(xy+yz+zx)(xyz)^4 - 6528(x+y+z)^{11}(xy+yz+zx)(xyz)^5 - 4380(x+y+z)^8(xy+yz+zx)(xyz)^6 + \\
& 672(x+y+z)^5(xy+yz+zx)(xyz)^7 + 480(x+y+z)^2(xy+yz+zx)(xyz)^8 - 4(x+y+z)^{21}(xy+yz+zx)^2(xyz) + 180(x+y+z)^{18}(xy+yz+zx)^2(xyz)^2 + \\
& 2320(x+y+z)^{15}(xy+yz+zx)^2(xyz)^3 + 7696(x+y+z)^{12}(xy+yz+zx)^2(xyz)^4 + 4620(x+y+z)^9(xy+yz+zx)^2(xyz)^5 - 8232(x+y+z)^6(xy+yz+zx)^2(xyz)^6 - \\
& 5040(x+y+z)^3(xy+yz+zx)^2(xyz)^7 - 120(xy+yz+zx)^2(xyz)^8 + 80(x+y+z)^{19}(xy+yz+zx)^3(xyz) + 360(x+y+z)^{16}(xy+yz+zx)^3(xyz)^2 + \\
& 1120(x+y+z)^{13}(xy+yz+zx)^3(xyz)^3 + 12672(x+y+z)^{10}(xy+yz+zx)^3(xyz)^4 + 37920(x+y+z)^7(xy+yz+zx)^3(xyz)^5 + 26320(x+y+z)^4(xy+yz+zx)^3(xyz)^6 + \\
& 2080(x+y+z)(xy+yz+zx)^3(xyz)^7 + (x+y+z)^{20}(xy+yz+zx)^4 - 660(x+y+z)^{17}(xy+yz+zx)^4(xyz) - 6900(x+y+z)^{14}(xy+yz+zx)^4(xyz)^2 - \\
& 34320(x+y+z)^{11}(xy+yz+zx)^4(xyz)^3 - 85635(x+y+z)^8(xy+yz+zx)^4(xyz)^4 - 77112(x+y+z)^5(xy+yz+zx)^4(xyz)^5 - 13300(x+y+z)^2(xy+yz+zx)^4(xyz)^6 - \\
& 20(x+y+z)^{18}(xy+yz+zx)^5 + 2880(x+y+z)^{15}(xy+yz+zx)^5(xyz) + 28392(x+y+z)^{12}(xy+yz+zx)^5(xyz)^2 + 100320(x+y+z)^9(xy+yz+zx)^5(xyz)^3 + \\
& 130872(x+y+z)^6(xy+yz+zx)^5(xyz)^4 + 42336(x+y+z)^3(xy+yz+zx)^5(xyz)^5 + 728(xy+yz+zx)^5(xyz)^6 + 170(x+y+z)^{16}(xy+yz+zx)^6 - \\
& 7000(x+y+z)^{13}(xy+yz+zx)^6(xyz) - 56056(x+y+z)^{10}(xy+yz+zx)^6(xyz)^2 - 124080(x+y+z)^7(xy+yz+zx)^6(xyz)^3 - 72996(x+y+z)^4(xy+yz+zx)^6(xyz)^4 - \\
& 4872(x+y+z)(xy+yz+zx)^6(xyz)^5 - 800(x+y+z)^{14}(xy+yz+zx)^7 + 8736(x+y+z)^{11}(xy+yz+zx)^7(xyz) + 55440(x+y+z)^8(xy+yz+zx)^7(xyz)^2 + \\
& 65760(x+y+z)^5(xy+yz+zx)^7(xyz)^3 + 11664(x+y+z)^2(xy+yz+zx)^7(xyz)^4 + 2275(x+y+z)^{12}(xy+yz+zx)^8 - 2860(x+y+z)^9(xy+yz+zx)^8(xyz) - \\
& 22770(x+y+z)^6(xy+yz+zx)^8(xyz)^2 - 10920(x+y+z)^3(xy+yz+zx)^8(xyz)^3 - 147(xy+yz+zx)^8(xyz)^4 - 4004(x+y+z)^{10}(xy+yz+zx)^9 - \\
& 5280(x+y+z)^7(xy+yz+zx)^9(xyz) + 100(x+y+z)^4(xy+yz+zx)^9(xyz)^2 - 80(x+y+z)(xy+yz+zx)^9(xyz)^3 + 4290(x+y+z)^8(xy+yz+zx)^{10} + \\
& 5940(x+y+z)^5(xy+yz+zx)^{10}(xyz) + 1404(x+y+z)^2(xy+yz+zx)^{10}(xyz)^2 - 2640(x+y+z)^6(xy+yz+zx)^{11} - 2000(x+y+z)^3(xy+yz+zx)^{11}(xyz) - \\
& 72(xy+yz+zx)^{11}(xyz)^2 + 825(x+y+z)^4(xy+yz+zx)^{12} + 172(x+y+z)(xy+yz+zx)^{12}(xyz) - 100(x+y+z)^2(xy+yz+zx)^{13} + 2(xy+yz+zx)^{14}
\end{aligned}$$

$$\begin{aligned}
s(25, 3, 0) = & +3(x+y+z)^{22}(xyz)^2 + 65(x+y+z)^{19}(xyz)^3 + 542(x+y+z)^{16}(xyz)^4 \\
& + 2177(x+y+z)^{13}(xyz)^5 + 4301(x+y+z)^{10}(xyz)^6 + 3786(x+y+z)^7(xyz)^7 \\
& + 1120(x+y+z)^4(xyz)^8 + 47(x+y+z)(xyz)^9 - 3(x+y+z)^{23}(xy+yz+zx)(xyz) \\
& - 132(x+y+z)^{20}(xy+yz+zx)(xyz)^2 - 1730(x+y+z)^{17}(xy+yz+zx)(xyz)^3 \\
& - 9945(x+y+z)^{14}(xy+yz+zx)(xyz)^4 - 27261(x+y+z)^{11}(xy+yz+zx)(xyz)^5 \\
& - 33891(x+y+z)^8(xy+yz+zx)(xyz)^6 - 15624(x+y+z)^5(xy+yz+zx)(xyz)^7 \\
& - 1515(x+y+z)^2(xy+yz+zx)(xyz)^8 + 66(x+y+z)^{21}(xy+yz+zx)^2(xyz) \\
& + 1815(x+y+z)^{18}(xy+yz+zx)^2(xyz)^2 + 16744(x+y+z)^{15}(xy+yz+zx)^2(xyz)^3 \\
& + 67340(x+y+z)^{12}(xy+yz+zx)^2(xyz)^4 + 120780(x+y+z)^9(xy+yz+zx)^2(xyz)^5 \\
& + 84882(x+y+z)^6(xy+yz+zx)^2(xyz)^6 + 15820(x+y+z)^3(xy+yz+zx)^2(xyz)^7 \\
& + 174(xy+yz+zx)^2(xyz)^8 + (x+y+z)^{22}(xy+yz+zx)^3 - 605(x+y+z)^{19}(xy+yz+zx)^3 \\
& (xyz) - 12155(x+y+z)^{16}(xy+yz+zx)^3(xyz)^2 - 80570(x+y+z)^{13}(xy+yz+zx)^3 \\
& (xyz)^3 - 219505(x+y+z)^{10}(xy+yz+zx)^3(xyz)^4 - 236478(x+y+z)^7(xy+yz+zx)^3 \\
& (xyz)^5 - 77490(x+y+z)^4(xy+yz+zx)^3(xyz)^6 - 3240(x+y+z)(xy+yz+zx)^3 \\
& (xyz)^7 - 22(x+y+z)^{20}(xy+yz+zx)^4 + 2970(x+y+z)^{17}(xy+yz+zx)^4(xyz) \\
& + 45540(x+y+z)^{14}(xy+yz+zx)^4(xyz)^2 + 212485(x+y+z)^{11}(xy+yz+zx)^4 \\
& (xyz)^3 + 366300(x+y+z)^8(xy+yz+zx)^4(xyz)^4 + 204246(x+y+z)^5(xy+yz+zx)^4 \\
& (xyz)^5 + 21210(x+y+z)^2(xy+yz+zx)^4(xyz)^6 + 209(x+y+z)^{18}(xy+yz+zx)^5 \\
& - 8228(x+y+z)^{15}(xy+yz+zx)^5(xyz) - 99099(x+y+z)^{12}(xy+yz+zx)^5(xyz)^2 \\
& - 310310(x+y+z)^9(xy+yz+zx)^5(xyz)^3 - 301224(x+y+z)^6(xy+yz+zx)^5(xyz)^4 \\
& - 65898(x+y+z)^3(xy+yz+zx)^5(xyz)^5 - 714(xy+yz+zx)^5(xyz)^6 - 1122(x+y+z)^{16} \\
& (xy+yz+zx)^6 + 11704(x+y+z)^{13}(xy+yz+zx)^6(xyz) + 121121(x+y+z)^{10} \\
& (xy+yz+zx)^6(xyz)^2 + 235620(x+y+z)^7(xy+yz+zx)^6(xyz)^3 + 104580(x+y+z)^4 \\
& (xy+yz+zx)^6(xyz)^4 + 4704(x+y+z)(xy+yz+zx)^6(xyz)^5 + 3740(x+y+z)^{14} \\
& (xy+yz+zx)^7 - 3003(x+y+z)^{11}(xy+yz+zx)^7(xyz) - 70785(x+y+z)^8(xy+yz+zx)^7 \\
& (xyz)^2 - 76428(x+y+z)^5(xy+yz+zx)^7(xyz)^3 - 9810(x+y+z)^2(xy+yz+zx)^7 \\
& (xyz)^4 - 8008(x+y+z)^{12}(xy+yz+zx)^8 - 15730(x+y+z)^9(xy+yz+zx)^8(xyz) \\
& + 5445(x+y+z)^6(xy+yz+zx)^8(xyz)^2 + 4005(x+y+z)^3(xy+yz+zx)^8(xyz)^3 \\
& - 30(xy+yz+zx)^8(xyz)^4 + 11011(x+y+z)^{10}(xy+yz+zx)^9 + 23595(x+y+z)^7 \\
& (xy+yz+zx)^9(xyz) + 10890(x+y+z)^4(xy+yz+zx)^9(xyz)^2 + 910(x+y+z) \\
& (xy+yz+zx)^9(xyz)^3 - 9438(x+y+z)^8(xy+yz+zx)^{10} - 13794(x+y+z)^5 \\
& (xy+yz+zx)^{10}(xyz) - 2937(x+y+z)^2(xy+yz+zx)^{10}(xyz)^2 +
\end{aligned}$$

$$4719(x+y+z)^6(xy+yz+zx)^{11} + 3267(x+y+z)^3(xy+yz+zx)^{11}(xyz) + 93(xy+yz+zx)^{11}(xyz)^2 - 1210(x+y+z)^4(xy+yz+zx)^{12} - 214(x+y+z)(xy+yz+zx)^{12}(xyz) + 121(x+y+z)^2(xy+yz+zx)^{13} - 2(xy+yz+zx)^{14}$$

$$\begin{aligned} s(26, 2, 0) = & -2(x+y+z)^{25}(xyz) - 49(x+y+z)^{22}(xyz)^2 - 478(x+y+z)^{19}(xyz)^3 - 2363(x+y+z)^{16}(xyz)^4 - 6230(x+y+z)^{13}(xyz)^5 - 8437(x+y+z)^{10}(xyz)^6 - 5148(x+y+z)^7(xyz)^7 - 1038(x+y+z)^4(xyz)^8 - 28(x+y+z)(xyz)^9 + 48(x+y+z)^{23}(xy+yz+zx)(xyz) + 982(x+y+z)^{20}(xy+yz+zx)(xyz)^2 + 7740(x+y+z)^{17}(xy+yz+zx)(xyz)^3 + 29520(x+y+z)^{14}(xy+yz+zx)(xyz)^4 + 56056(x+y+z)^{11}(xy+yz+zx)(xyz)^5 + 48906(x+y+z)^8(xy+yz+zx)(xyz)^6 + 15624(x+y+z)^5(xy+yz+zx)(xyz)^7 + 1000(x+y+z)^2(xy+yz+zx)(xyz)^8 + (x+y+z)^{24}(xy+yz+zx)^2 - 480(x+y+z)^{21}(xy+yz+zx)^2(xyz) - 8189(x+y+z)^{18}(xy+yz+zx)^2(xyz)^2 - 50864(x+y+z)^{15}(xy+yz+zx)^2(xyz)^3 - 143325(x+y+z)^{12}(xy+yz+zx)^2(xyz)^4 - 182468(x+y+z)^9(xy+yz+zx)^2(xyz)^5 - 90090(x+y+z)^6(xy+yz+zx)^2(xyz)^6 - 11304(x+y+z)^3(xy+yz+zx)^2(xyz)^7 - 74(xy+yz+zx)^2(xyz)^8 - 24(x+y+z)^{22}(xy+yz+zx)^3 + 2560(x+y+z)^{19}(xy+yz+zx)^3(xyz) + 36618(x+y+z)^{16}(xy+yz+zx)^3(xyz)^2 + 173600(x+y+z)^{13}(xy+yz+zx)^3(xyz)^3 + 340340(x+y+z)^{10}(xy+yz+zx)^3(xyz)^4 + 260832(x+y+z)^7(xy+yz+zx)^3(xyz)^5 + 58380(x+y+z)^4(xy+yz+zx)^3(xyz)^6 + 1488(x+y+z)(xy+yz+zx)^3(xyz)^7 + 252(x+y+z)^{20}(xy+yz+zx)^4 - 7524(x+y+z)^{17}(xy+yz+zx)^4(xyz) - 93500(x+y+z)^{14}(xy+yz+zx)^4(xyz)^2 - 324870(x+y+z)^{11}(xy+yz+zx)^4(xyz)^3 - 405405(x+y+z)^8(xy+yz+zx)^4(xyz)^4 - 156156(x+y+z)^5(xy+yz+zx)^4(xyz)^5 - 9954(x+y+z)^2(xy+yz+zx)^4(xyz)^6 - 1520(x+y+z)^{18}(xy+yz+zx)^5 + 9792(x+y+z)^{15}(xy+yz+zx)^5(xyz) + 130312(x+y+z)^{12}(xy+yz+zx)^5(xyz)^2 + 316316(x+y+z)^9(xy+yz+zx)^5(xyz)^3 + 216216(x+y+z)^6(xy+yz+zx)^5(xyz)^4 + 28560(x+y+z)^3(xy+yz+zx)^5(xyz)^5 + 84(xy+yz+zx)^5(xyz)^6 + 5814(x+y+z)^{16}(xy+yz+zx)^6 + 7616(x+y+z)^{13}(xy+yz+zx)^6(xyz) - 71071(x+y+z)^{10}(xy+yz+zx)^6(xyz)^2 - 120120(x+y+z)^7(xy+yz+zx)^6(xyz)^3 - 30030(x+y+z)^4(xy+yz+zx)^6(xyz)^4 + 168(x+y+z)(xy+yz+zx)^6(xyz)^5 - 14688(x+y+z)^{14}(xy+yz+zx)^7 - 49920(x+y+z)^{11}(xy+yz+zx)^7(xyz) - 42042(x+y+z)^8(xy+yz+zx)^7(xyz)^2 - 20592(x+y+z)^5(xy+yz+zx)^7(xyz)^3 - 5400(x+y+z)^2(xy+yz+zx)^7(xyz)^4 + 24752(x+y+z)^{12}(xy+yz+zx)^8 + 81510(x+y+z)^9(xy+yz+zx)^8(xyz) + 77649(x+y+z)^6(xy+yz+zx)^8(xyz)^2 + 21450(x+y+z)^3(xy+yz+zx)^8(xyz)^3 + \end{aligned}$$

$$\begin{aligned}
& 405(xy+yz+zx)^8(xyz)^4 - 27456(x+y+z)^{10}(xy+yz+zx)^9 - 66352(x+y+z)^7(xy+yz+zx)^9(xyz) - 35750(x+y+z)^4(xy+yz+zx)^9(xyz)^2 - 2420(x+y+z)(xy+yz+zx)^9(xyz)^3 + 19305(x+y+z)^8(xy+yz+zx)^{10} + 27456(x+y+z)^5(xy+yz+zx)^{10}(xyz) + 5291(x+y+z)^2(xy+yz+zx)^{10}(xyz)^2 - 8008(x+y+z)^6(xy+yz+zx)^{11} - 4992(x+y+z)^3(xy+yz+zx)^{11}(xyz) - 118(xy+yz+zx)^{11}(xyz)^2 + 1716(x+y+z)^4(xy+yz+zx)^{12} + 260(x+y+z)(xy+yz+zx)^{12}(xyz) - 144(x+y+z)^2(xy+yz+zx)^{13} + 2(xy+yz+zx)^{14}
\end{aligned}$$

$$\begin{aligned}
s(27, 1, 0) = & -(x+y+z)^{25}(xyz) - 25(x+y+z)^{22}(xyz)^2 - 250(x+y+z)^{19}(xyz)^3 - 1275(x+y+z)^{16}(xyz)^4 - 3500(x+y+z)^{13}(xyz)^5 - 5005(x+y+z)^{10}(xyz)^6 - 3300(x+y+z)^7(xyz)^7 - 750(x+y+z)^4(xyz)^8 - 25(x+y+z)(xyz)^9 + (x+y+z)^{26}(xy+yz+zx) + 51(x+y+z)^{23}(xy+yz+zx)(xyz) + 798(x+y+z)^{20}(xy+yz+zx)(xyz)^2 + 5757(x+y+z)^{17}(xy+yz+zx)(xyz)^3 + 21420(x+y+z)^{14}(xy+yz+zx)(xyz)^4 + 41223(x+y+z)^{11}(xy+yz+zx)(xyz)^5 + 37752(x+y+z)^8(xy+yz+zx)(xyz)^6 + 13266(x+y+z)^5(xy+yz+zx)(xyz)^7 + 1017(x+y+z)^2(xy+yz+zx)(xyz)^8 - 26(x+y+z)^{24}(xy+yz+zx)^2 - 847(x+y+z)^{21}(xy+yz+zx)^2(xyz) - 9690(x+y+z)^{18}(xy+yz+zx)^2(xyz)^2 - 51816(x+y+z)^{15}(xy+yz+zx)^2(xyz)^3 - 138320(x+y+z)^{12}(xy+yz+zx)^2(xyz)^4 - 177177(x+y+z)^9(xy+yz+zx)^2(xyz)^5 - 93324(x+y+z)^6(xy+yz+zx)^2(xyz)^6 - 13620(x+y+z)^3(xy+yz+zx)^2(xyz)^7 - 126(xy+yz+zx)^2(xyz)^8 + 299(x+y+z)^{22}(xy+yz+zx)^3 + 7210(x+y+z)^{19}(xy+yz+zx)^3(xyz) + 62016(x+y+z)^{16}(xy+yz+zx)^3(xyz)^2 + 242760(x+y+z)^{13}(xy+yz+zx)^3(xyz)^3 + 445445(x+y+z)^{10}(xy+yz+zx)^3(xyz)^4 + 348348(x+y+z)^7(xy+yz+zx)^3(xyz)^5 + 87780(x+y+z)^4(xy+yz+zx)^3(xyz)^6 + 3036(x+y+z)(xy+yz+zx)^3(xyz)^7 - 2002(x+y+z)^{20}(xy+yz+zx)^4 - 36765(x+y+z)^{17}(xy+yz+zx)^4(xyz) - 235620(x+y+z)^{14}(xy+yz+zx)^4(xyz)^2 - 651560(x+y+z)^{11}(xy+yz+zx)^4(xyz)^3 - 765765(x+y+z)^8(xy+yz+zx)^4(xyz)^4 - 317394(x+y+z)^5(xy+yz+zx)^4(xyz)^5 - 26670(x+y+z)^2(xy+yz+zx)^4(xyz)^6 + 8645(x+y+z)^{18}(xy+yz+zx)^5 + 120156(x+y+z)^{15}(xy+yz+zx)^5(xyz) + 556920(x+y+z)^{12}(xy+yz+zx)^5(xyz)^2 + 1026025(x+y+z)^9(xy+yz+zx)^5(xyz)^3 + 690690(x+y+z)^6(xy+yz+zx)^5(xyz)^4 + 117810(x+y+z)^3(xy+yz+zx)^5(xyz)^5 + 1176(xy+yz+zx)^5(xyz)^6 - 25194(x+y+z)^{16}(xy+yz+zx)^6 - 258468(x+y+z)^{13}(xy+yz+zx)^6(xyz) - 824824(x+y+z)^{10}(xy+yz+zx)^6(xyz)^2 - 924924(x+y+z)^7(xy+yz+zx)^6(xyz)^3 - 295680(x+y+z)^4(xy+yz+zx)^6(xyz)^4 - 11802(x+y+z)(xy+
\end{aligned}$$

$$\begin{aligned}
& yz+zx)^6(xyz)^5+50388(x+y+z)^{14}(xy+yz+zx)^7+365976(x+y+z)^{11}(xy+ \\
& yz+zx)^7(xyz)+746460(x+y+z)^8(xy+yz+zx)^7(xyz)^2+441012(x+y+ \\
& z)^5(xy+yz+zx)^7(xyz)^3+46530(x+y+z)^2(xy+yz+zx)^7(xyz)^4-68952(x+ \\
& y+z)^{12}(xy+yz+zx)^8-333190(x+y+z)^9(xy+yz+zx)^8(xyz)-387387(x+ \\
& y+z)^6(xy+yz+zx)^8(xyz)^2-93390(x+y+z)^3(xy+yz+zx)^8(xyz)^3- \\
& 1155(xy+yz+zx)^8(xyz)^4+63206(x+y+z)^{10}(xy+yz+zx)^9+185185(x+y+ \\
& z)^7(xy+yz+zx)^9(xyz)+101530(x+y+z)^4(xy+yz+zx)^9(xyz)^2+5665(x+ \\
& y+z)(xy+yz+zx)^9(xyz)^3-37180(x+y+z)^8(xy+yz+zx)^{10}-57057(x+ \\
& y+z)^5(xy+yz+zx)^{10}(xyz)-10230(x+y+z)^2(xy+yz+zx)^{10}(xyz)^2+ \\
& 13013(x+y+z)^6(xy+yz+zx)^{11}+8086(x+y+z)^3(xy+yz+zx)^{11}(xyz)+ \\
& 168(xy+yz+zx)^{11}(xyz)^2-2366(x+y+z)^4(xy+yz+zx)^{12}-337(x+y+ \\
& z)(xy+yz+zx)^{12}(xyz)+169(x+y+z)^2(xy+yz+zx)^{13}-2(xy+yz+zx)^{14} \\
& s(28, 0, 0) = +(x+y+z)^{28}+28(x+y+z)^{25}(xyz)+322(x+y+z)^{22}(xyz)^2+ \\
& 1960(x+y+z)^{19}(xyz)^3+6783(x+y+z)^{16}(xyz)^4+13328(x+y+z)^{13}(xyz)^5+ \\
& 14014(x+y+z)^{10}(xyz)^6+6864(x+y+z)^7(xyz)^7+1155(x+y+z)^4(xyz)^8+ \\
& 28(x+y+z)(xyz)^9-28(x+y+z)^{26}(xy+yz+zx)-672(x+y+z)^{23}(xy+ \\
& yz+zx)(xyz)-6468(x+y+z)^{20}(xy+yz+zx)(xyz)^2-31920(x+y+ \\
& z)^{17}(xy+yz+zx)(xyz)^3-85680(x+y+z)^{14}(xy+yz+zx)(xyz)^4- \\
& 122304(x+y+z)^{11}(xy+yz+zx)(xyz)^5-84084(x+y+z)^8(xy+yz+ \\
& zx)(xyz)^6-22176(x+y+z)^5(xy+yz+zx)(xyz)^7-1260(x+y+z)^2(xy+ \\
& yz+zx)(xyz)^8+350(x+y+z)^{24}(xy+yz+zx)^2+7084(x+y+z)^{21}(xy+ \\
& yz+zx)^2(xyz)+55860(x+y+z)^{18}(xy+yz+zx)^2(xyz)^2+217056(x+y+ \\
& z)^{15}(xy+yz+zx)^2(xyz)^3+433160(x+y+z)^{12}(xy+yz+zx)^2(xyz)^4+ \\
& 420420(x+y+z)^9(xy+yz+zx)^2(xyz)^5+168168(x+y+z)^6(xy+yz+ \\
& zx)^2(xyz)^6+18480(x+y+z)^3(xy+yz+zx)^2(xyz)^7+126(xy+yz+ \\
& zx)^2(xyz)^8-2576(x+y+z)^{22}(xy+yz+zx)^3-43120(x+y+z)^{19}(xy+ \\
& yz+zx)^3(xyz)-271320(x+y+z)^{16}(xy+yz+zx)^3(xyz)^2-799680(x+y+ \\
& z)^{13}(xy+yz+zx)^3(xyz)^3-1121120(x+y+z)^{10}(xy+yz+zx)^3(xyz)^4- \\
& 672672(x+y+z)^7(xy+yz+zx)^3(xyz)^5-129360(x+y+z)^4(xy+yz+ \\
& zx)^3(xyz)^6-3360(x+y+z)(xy+yz+zx)^3(xyz)^7+12397(x+y+z)^{20}(xy+ \\
& yz+zx)^4+167580(x+y+z)^{17}(xy+yz+zx)^4(xyz)+813960(x+y+z)^{14}(xy+ \\
& yz+zx)^4(xyz)^2+1732640(x+y+z)^{11}(xy+yz+zx)^4(xyz)^3+1576575(x+ \\
& y+z)^8(xy+yz+zx)^4(xyz)^4+504504(x+y+z)^5(xy+yz+zx)^4(xyz)^5+ \\
& 32340(x+y+z)^2(xy+yz+zx)^4(xyz)^6-40964(x+y+z)^{18}(xy+yz+ \\
& zx)^5-434112(x+y+z)^{15}(xy+yz+zx)^5(xyz)-1559376(x+y+z)^{12}(xy+
\end{aligned}$$

$$\begin{aligned}
& yz + zx)^5(xyz)^2 - 2242240(x + y + z)^9(xy + yz + zx)^5(xyz)^3 - 1177176(x + \\
& y + z)^6(xy + yz + zx)^5(xyz)^4 - 155232(x + y + z)^3(xy + yz + zx)^5(xyz)^5 - \\
& 1176(xy + yz + zx)^5(xyz)^6 + 94962(x + y + z)^{16}(xy + yz + zx)^6 + 759696(x + \\
& y + z)^{13}(xy + yz + zx)^6(xyz) + 1905904(x + y + z)^{10}(xy + yz + zx)^6(xyz)^2 + \\
& 1681680(x + y + z)^7(xy + yz + zx)^6(xyz)^3 + 420420(x + y + z)^4(xy + yz + \\
& zx)^6(xyz)^4 + 12936(x + y + z)(xy + yz + zx)^6(xyz)^5 - 155040(x + y + \\
& z)^{14}(xy + yz + zx)^7 - 891072(x + y + z)^{11}(xy + yz + zx)^7(xyz) - 1441440(x + \\
& y + z)^8(xy + yz + zx)^7(xyz)^2 - 672672(x + y + z)^5(xy + yz + zx)^7(xyz)^3 - \\
& 55440(x + y + z)^2(xy + yz + zx)^7(xyz)^4 + 176358(x + y + z)^{12}(xy + yz + \\
& zx)^8 + 680680(x + y + z)^9(xy + yz + zx)^8(xyz) + 630630(x + y + z)^6(xy + \\
& yz + zx)^8(xyz)^2 + 120120(x + y + z)^3(xy + yz + zx)^8(xyz)^3 + 1155(xy + yz + \\
& zx)^8(xyz)^4 - 136136(x + y + z)^{10}(xy + yz + zx)^9 - 320320(x + y + z)^7(xy + \\
& yz + zx)^9(xyz) - 140140(x + y + z)^4(xy + yz + zx)^9(xyz)^2 - 6160(x + y + \\
& z)(xy + yz + zx)^9(xyz)^3 + 68068(x + y + z)^8(xy + yz + zx)^{10} + 84084(x + \\
& y + z)^5(xy + yz + zx)^{10}(xyz) + 12012(x + y + z)^2(xy + yz + zx)^{10}(xyz)^2 - \\
& 20384(x + y + z)^6(xy + yz + zx)^{11} - 10192(x + y + z)^3(xy + yz + zx)^{11}(xyz) - \\
& 168(xy + yz + zx)^{11}(xyz)^2 + 3185(x + y + z)^4(xy + yz + zx)^{12} + 364(x + y + \\
& z)(xy + yz + zx)^{12}(xyz) - 196(x + y + z)^2(xy + yz + zx)^{13} + 2(xy + yz + zx)^{14}
\end{aligned}$$

$$\begin{aligned}
s(15, 14, 0) = & -2(x + y + z)^8(xyz)^7 + 48(x + y + z)^5(xyz)^8 - 40(x + y + \\
& z)^2(xyz)^9 - 97(x + y + z)^6(xy + yz + zx)(xyz)^7 + 270(x + y + z)^3(xy + \\
& yz + zx)(xyz)^8 - 13(xy + yz + zx)(xyz)^9 + 49(x + y + z)^7(xy + yz + \\
& zx)^2(xyz)^6 - 615(x + y + z)^4(xy + yz + zx)^2(xyz)^7 + 165(x + y + z)(xy + \\
& yz + zx)^2(xyz)^8 + 581(x + y + z)^5(xy + yz + zx)^3(xyz)^6 - 670(x + y + \\
& z)^2(xy + yz + zx)^3(xyz)^7 - 196(x + y + z)^6(xy + yz + zx)^4(xyz)^5 + 1190(x + \\
& y + z)^3(xy + yz + zx)^4(xyz)^6 - 65(xy + yz + zx)^4(xyz)^7 - 966(x + y + \\
& z)^4(xy + yz + zx)^5(xyz)^5 + 371(x + y + z)(xy + yz + zx)^5(xyz)^6 + 294(x + y + \\
& z)^5(xy + yz + zx)^6(xyz)^4 - 756(x + y + z)^2(xy + yz + zx)^6(xyz)^5 + 660(x + \\
& y + z)^3(xy + yz + zx)^7(xyz)^4 - 52(xy + yz + zx)^7(xyz)^5 - 210(x + y + \\
& z)^4(xy + yz + zx)^8(xyz)^3 + 180(x + y + z)(xy + yz + zx)^8(xyz)^4 - 205(x + y + \\
& z)^2(xy + yz + zx)^9(xyz)^3 + 77(x + y + z)^3(xy + yz + zx)^{10}(xyz)^2 - 13(xy + \\
& yz + zx)^{10}(xyz)^3 + 27(x + y + z)(xy + yz + zx)^{11}(xyz)^2 - 14(x + y + z)^2(xy + \\
& yz + zx)^{12}(xyz) - (xy + yz + zx)^{13}(xyz) + (x + y + z)(xy + yz + zx)^{14}
\end{aligned}$$

$$\begin{aligned}
s(16, 13, 0) = & -13(x + y + z)^8(xyz)^7 - 11(x + y + z)^5(xyz)^8 + 63(x + y + \\
& z)^2(xyz)^9 + 13(x + y + z)^9(xy + yz + zx)(xyz)^6 - 52(x + y + z)^6(xy + yz + \\
& zx)(xyz)^7 - 415(x + y + z)^3(xy + yz + zx)(xyz)^8 + 29(xy + yz + zx)(xyz)^9 +
\end{aligned}$$

$$\begin{aligned}
& 156(x+y+z)^7(xy+yz+zx)^2(xyz)^6 + 820(x+y+z)^4(xy+yz+zx)^2(xyz)^7 - \\
& 369(x+y+z)(xy+yz+zx)^2(xyz)^8 - 91(x+y+z)^8(xy+yz+zx)^3(xyz)^5 - \\
& 468(x+y+z)^5(xy+yz+zx)^3(xyz)^6 + 1460(x+y+z)^2(xy+yz+zx)^3(xyz)^7 - \\
& 182(x+y+z)^6(xy+yz+zx)^4(xyz)^5 - 2420(x+y+z)^3(xy+yz+zx)^4(xyz)^6 + \\
& 170(xy+yz+zx)^4(xyz)^7 + 182(x+y+z)^7(xy+yz+zx)^5(xyz)^4 + 1638(x+y+z)^4(xy+yz+zx)^5(xyz)^5 - \\
& 954(x+y+z)(xy+yz+zx)^5(xyz)^6 - 182(x+y+z)^5(xy+yz+zx)^6(xyz)^4 + 1876(x+y+z)^2(xy+yz+zx)^6(xyz)^5 - \\
& 156(x+y+z)^6(xy+yz+zx)^7(xyz)^3 - 1508(x+y+z)^3(xy+yz+zx)^7(xyz)^4 + \\
& 146(xy+yz+zx)^7(xyz)^5 + 351(x+y+z)^4(xy+yz+zx)^8(xyz)^3 - 497(x+y+z)(xy+yz+zx)^8(xyz)^4 + \\
& 65(x+y+z)^5(xy+yz+zx)^9(xyz)^2 + 546(x+y+z)^2(xy+yz+zx)^9(xyz)^3 - 182(x+y+z)^3(xy+yz+zx)^{10}(xyz)^2 + \\
& 38(xy+yz+zx)^{10}(xyz)^3 - 13(x+y+z)^4(xy+yz+zx)^{11}(xyz) - 78(x+y+z)(xy+yz+zx)^{11}(xyz)^2 + \\
& 39(x+y+z)^2(xy+yz+zx)^{12}(xyz) + (x+y+z)^3(xy+yz+zx)^{13} + 3(xy+yz+zx)^{13}(xyz) - 3(x+y+z)(xy+yz+zx)^{14}
\end{aligned}$$

$$\begin{aligned}
s(17, 12, 0) = & +2(x+y+z)^{11}(xyz)^6 - 14(x+y+z)^8(xyz)^7 - 117(x+y+z)^5(xyz)^8 + 8(x+y+z)^2(xyz)^9 + 50(x+y+z)^9(xy+yz+zx)(xyz)^6 + \\
& 362(x+y+z)^6(xy+yz+zx)(xyz)^7 - 128(x+y+z)^3(xy+yz+zx)(xyz)^8 - 22(xy+yz+zx)(xyz)^9 - \\
& 36(x+y+z)^{10}(xy+yz+zx)^2(xyz)^5 - 290(x+y+z)^7(xy+yz+zx)^2(xyz)^6 + 720(x+y+z)^4(xy+yz+zx)^2(xyz)^7 + \\
& 276(x+y+z)(xy+yz+zx)^2(xyz)^8 - 60(x+y+z)^8(xy+yz+zx)^3(xyz)^5 - 1580(x+y+z)^5(xy+yz+zx)^3(xyz)^6 - \\
& 954(x+y+z)^2(xy+yz+zx)^3(xyz)^7 + 105(x+y+z)^9(xy+yz+zx)^4(xyz)^4 + 1365(x+y+z)^6(xy+yz+zx)^4(xyz)^5 + \\
& 1000(x+y+z)^3(xy+yz+zx)^4(xyz)^6 - 207(xy+yz+zx)^4(xyz)^7 - 273(x+y+z)^7(xy+yz+zx)^5(xyz)^4 + \\
& 435(x+y+z)^4(xy+yz+zx)^5(xyz)^5 + 1107(x+y+z)(xy+yz+zx)^5(xyz)^6 - 112(x+y+z)^8(xy+yz+zx)^6(xyz)^3 - \\
& 1253(x+y+z)^5(xy+yz+zx)^6(xyz)^4 - 1950(x+y+z)^2(xy+yz+zx)^6(xyz)^5 + 464(x+y+z)^6(xy+yz+zx)^7(xyz)^3 + \\
& 1130(x+y+z)^3(xy+yz+zx)^7(xyz)^4 - 211(xy+yz+zx)^7(xyz)^5 + 54(x+y+z)^7(xy+yz+zx)^8(xyz)^2 + \\
& 190(x+y+z)^4(xy+yz+zx)^8(xyz)^3 + 690(x+y+z)(xy+yz+zx)^8(xyz)^4 - 258(x+y+z)^5(xy+yz+zx)^9(xyz)^2 - \\
& 690(x+y+z)^2(xy+yz+zx)^9(xyz)^3 - 12(x+y+z)^6(xy+yz+zx)^{10}(xyz) + 150(x+y+z)^3(xy+yz+zx)^{10}(xyz)^2 - \\
& 60(xy+yz+zx)^{10}(xyz)^3 + 60(x+y+z)^4(xy+yz+zx)^{11}(xyz) + 120(x+y+z)(xy+yz+zx)^{11}(xyz)^2 + \\
& (x+y+z)^5(xy+yz+zx)^{12} - 55(x+y+z)^2(xy+yz+zx)^{12}(xyz) - 5(x+y+z)^3(xy+yz+zx)^{13} - \\
& 5(xy+yz+zx)^{13}(xyz) + 5(x+y+z)(xy+yz+zx)^{14}
\end{aligned}$$

$$\begin{aligned}
s(18, 11, 0) = & +11(x+y+z)^{11}(xyz)^6 + 66(x+y+z)^8(xyz)^7 - 79(x+y+z)^2(xyz)^9 - 11(x+y+z)^{12}(xy+yz+zx)(xyz)^5 - 88(x+y+z)^9(xy+yz+zx)(xyz)^6 + 231(x+y+z)^6(xy+yz+zx)(xyz)^7 + 693(x+y+z)^3(xy+yz+zx)(xyz)^8 - 4(xy+yz+zx)(xyz)^9 - 33(x+y+z)^{10}(xy+yz+zx)^2(xyz)^5 - 825(x+y+z)^7(xy+yz+zx)^2(xyz)^6 - 2079(x+y+z)^4(xy+yz+zx)^2(xyz)^7 + 81(x+y+z)(xy+yz+zx)^2(xyz)^8 + 55(x+y+z)^{11}(xy+yz+zx)^3(xyz)^4 + 891(x+y+z)^8(xy+yz+zx)^3(xyz)^5 + 2541(x+y+z)^5(xy+yz+zx)^3(xyz)^6 - 693(x+y+z)^2(xy+yz+zx)^3(xyz)^7 - 220(x+y+z)^9(xy+yz+zx)^4(xyz)^4 - 693(x+y+z)^6(xy+yz+zx)^4(xyz)^5 + 2541(x+y+z)^3(xy+yz+zx)^4(xyz)^6 + 153(xy+yz+zx)^4(xyz)^7 - 77(x+y+z)^{10}(xy+yz+zx)^5(xyz)^3 - 891(x+y+z)^7(xy+yz+zx)^5(xyz)^4 - 4158(x+y+z)^4(xy+yz+zx)^5(xyz)^5 - 693(x+y+z)(xy+yz+zx)^5(xyz)^6 + 462(x+y+z)^8(xy+yz+zx)^6(xyz)^3 + 2772(x+y+z)^5(xy+yz+zx)^6(xyz)^4 + 693(x+y+z)^2(xy+yz+zx)^6(xyz)^5 + 44(x+y+z)^9(xy+yz+zx)^7(xyz)^2 - 231(x+y+z)^6(xy+yz+zx)^7(xyz)^3 + 693(x+y+z)^3(xy+yz+zx)^7(xyz)^4 + 231(xy+yz+zx)^7(xyz)^5 - 297(x+y+z)^7(xy+yz+zx)^8(xyz)^2 - 1386(x+y+z)^4(xy+yz+zx)^8(xyz)^3 - 693(x+y+z)(xy+yz+zx)^8(xyz)^4 - 11(x+y+z)^8(xy+yz+zx)^9(xyz) + 462(x+y+z)^5(xy+yz+zx)^9(xyz)^2 + 539(x+y+z)^2(xy+yz+zx)^9(xyz)^3 + 77(x+y+z)^6(xy+yz+zx)^{10}(xyz) + 77(x+y+z)^3(xy+yz+zx)^{10}(xyz)^2 + 77(xy+yz+zx)^{10}(xyz)^3 + (x+y+z)^7(xy+yz+zx)^{11} - 147(x+y+z)^4(xy+yz+zx)^{11}(xyz) - 147(x+y+z)(xy+yz+zx)^{11}(xyz)^2 - 7(x+y+z)^5(xy+yz+zx)^{12} + 56(x+y+z)^2(xy+yz+zx)^{12}(xyz) + 14(x+y+z)^3(xy+yz+zx)^{13} + 7(xy+yz+zx)^{13}(xyz) - 7(x+y+z)(xy+yz+zx)^{14}
\end{aligned}$$

$$\begin{aligned}
s(19, 10, 0) = & -2(x+y+z)^{14}(xyz)^5 - 3(x+y+z)^{11}(xyz)^6 + 99(x+y+z)^8(xyz)^7 + 264(x+y+z)^5(xyz)^8 + 45(x+y+z)^2(xyz)^9 - 22(x+y+z)^{12}(xy+yz+zx)(xyz)^5 - 395(x+y+z)^9(xy+yz+zx)(xyz)^6 - 1251(x+y+z)^6(xy+yz+zx)(xyz)^7 - 345(x+y+z)^3(xy+yz+zx)(xyz)^8 + 29(xy+yz+zx)(xyz)^9 + 25(x+y+z)^{13}(xy+yz+zx)^2(xyz)^4 + 471(x+y+z)^{10}(xy+yz+zx)^2(xyz)^5 + 1917(x+y+z)^7(xy+yz+zx)^2(xyz)^6 + 435(x+y+z)^4(xy+yz+zx)^2(xyz)^7 - 450(x+y+z)(xy+yz+zx)^2(xyz)^8 - 125(x+y+z)^{11}(xy+yz+zx)^3(xyz)^4 - 705(x+y+z)^8(xy+yz+zx)^3(xyz)^5 + 1503(x+y+z)^5(xy+yz+zx)^3(xyz)^6 + 2325(x+y+z)^2(xy+yz+zx)^3(xyz)^7 - 50(x+y+z)^{12}(xy+yz+zx)^4(xyz)^3 - 650(x+y+z)^9(xy+yz+zx)^4(xyz)^4 - 4263(x+y+z)^6(xy+yz+zx)^4(xyz)^5 - 5445(x+y+z)^3(xy+yz+zx)^4(xyz)^6 - 15(xy+yz+zx)^4(xyz)^7 + 390(x+y+z)^{10}(xy+yz+zx)^5(xyz)^3 + 3435(x+y+z)^7(xy+
\end{aligned}$$

$$\begin{aligned}
& yz+zx)^5(xyz)^4+5760(x+y+z)^4(xy+yz+zx)^5(xyz)^5-225(x+y+z)(xy+ \\
& yz+zx)^5(xyz)^6+35(x+y+z)^{11}(xy+yz+zx)^6(xyz)^2-495(x+y+z)^8(xy+ \\
& yz+zx)^6(xyz)^3-1470(x+y+z)^5(xy+yz+zx)^6(xyz)^4+1635(x+y+z) \\
& z)^2(xy+yz+zx)^6(xyz)^5-305(x+y+z)^9(xy+yz+zx)^7(xyz)^2-1605(x+y+ \\
& z)^6(xy+yz+zx)^7(xyz)^3-3405(x+y+z)^3(xy+yz+zx)^7(xyz)^4-195(xy+ \\
& yz+zx)^7(xyz)^5-10(x+y+z)^{10}(xy+yz+zx)^8(xyz)+765(x+y+z)^7(xy+ \\
& yz+zx)^8(xyz)^2+2610(x+y+z)^4(xy+yz+zx)^8(xyz)^3+465(x+y+z)(xy+ \\
& yz+zx)^8(xyz)^4+90(x+y+z)^8(xy+yz+zx)^9(xyz)-330(x+y+z)^5(xy+ \\
& yz+zx)^9(xyz)^2-45(x+y+z)^2(xy+yz+zx)^9(xyz)^3+(x+y+z)^9(xy+ \\
& yz+zx)^{10}-261(x+y+z)^6(xy+yz+zx)^{10}(xyz)-507(x+y+z)^3(xy+yz+ \\
& zx)^{10}(xyz)^2-87(xy+yz+zx)^{10}(xyz)^3-9(x+y+z)^7(xy+yz+zx)^{11}+ \\
& 255(x+y+z)^4(xy+yz+zx)^{11}(xyz)+153(x+y+z)(xy+yz+zx)^{11}(xyz)^2+ \\
& 27(x+y+z)^5(xy+yz+zx)^{12}-36(x+y+z)^2(xy+yz+zx)^{12}(xyz)-30(x+y+ \\
& z)^3(xy+yz+zx)^{13}-9(xy+yz+zx)^{13}(xyz)+9(x+y+z)(xy+yz+zx)^{14}
\end{aligned}$$

$$\begin{aligned}
s(20, 9, 0) = & -9(x+y+z)^{14}(xyz)^5-96(x+y+z)^{11}(xyz)^6-264(x+y+z) \\
& z)^8(xyz)^7-99(x+y+z)^5(xyz)^8+65(x+y+z)^2(xyz)^9+9(x+y+z) \\
& z)^{15}(xy+yz+zx)(xyz)^4+171(x+y+z)^{12}(xy+yz+zx)(xyz)^5+660(x+y+z) \\
& z)^9(xy+yz+zx)(xyz)^6+66(x+y+z)^6(xy+yz+zx)(xyz)^7-825(x+y+z) \\
& z)^3(xy+yz+zx)(xyz)^8-31(xy+yz+zx)(xyz)^9-45(x+y+z)^{13}(xy+yz+ \\
& zx)^2(xyz)^4-198(x+y+z)^{10}(xy+yz+zx)^2(xyz)^5+1518(x+y+z)^7(xy+ \\
& yz+zx)^2(xyz)^6+3960(x+y+z)^4(xy+yz+zx)^2(xyz)^7+495(x+y+z)(xy+ \\
& yz+zx)^2(xyz)^8-30(x+y+z)^{14}(xy+yz+zx)^3(xyz)^3-510(x+y+z)^{11}(xy+ \\
& yz+zx)^3(xyz)^4-3960(x+y+z)^8(xy+yz+zx)^3(xyz)^5-9108(x+y+z) \\
& z)^5(xy+yz+zx)^3(xyz)^6-2310(x+y+z)^2(xy+yz+zx)^3(xyz)^7+285(x+y+z) \\
& z)^{12}(xy+yz+zx)^4(xyz)^3+3300(x+y+z)^9(xy+yz+zx)^4(xyz)^4+9933(x+y+z) \\
& z)^6(xy+yz+zx)^4(xyz)^5+3960(x+y+z)^3(xy+yz+zx)^4(xyz)^6- \\
& 165(xy+yz+zx)^4(xyz)^7+27(x+y+z)^{13}(xy+yz+zx)^5(xyz)^2-528(x+y+z) \\
& z)^{10}(xy+yz+zx)^5(xyz)^3-3465(x+y+z)^7(xy+yz+zx)^5(xyz)^4-693(x+y+z) \\
& z)^4(xy+yz+zx)^5(xyz)^5+1353(x+y+z)(xy+yz+zx)^5(xyz)^6-288(x+y+z) \\
& z)^{11}(xy+yz+zx)^6(xyz)^2-1650(x+y+z)^8(xy+yz+zx)^6(xyz)^3-5313(x+y+z) \\
& z)^5(xy+yz+zx)^6(xyz)^4-4158(x+y+z)^2(xy+yz+zx)^6(xyz)^5-9(x+y+z) \\
& z)^{12}(xy+yz+zx)^7(xyz)+990(x+y+z)^9(xy+yz+zx)^7(xyz)^2+5280(x+y+z) \\
& z)^6(xy+yz+zx)^7(xyz)^3+5610(x+y+z)^3(xy+yz+zx)^7(xyz)^4+99(xy+yz+zx) \\
& z)^7(xyz)^5+99(x+y+z)^{10}(xy+yz+zx)^8(xyz)-990(x+y+z)^7(xy+yz+zx) \\
& z)^8(xyz)^2-2640(x+y+z)^4(xy+yz+zx)^8(xyz)^3+(x+y+z)^{11}(xy+
\end{aligned}$$

$$\begin{aligned}
&yz + zx)^9 - 385(x + y + z)^8(xy + yz + zx)^9(xyz) - 660(x + y + z)^5(xy + yz + \\
&zx)^9(xyz)^2 - 770(x + y + z)^2(xy + yz + zx)^9(xyz)^3 - 11(x + y + z)^9(xy + yz + \\
&zx)^{10} + 616(x + y + z)^6(xy + yz + zx)^{10}(xyz) + 1078(x + y + z)^3(xy + yz + \\
&zx)^{10}(xyz)^2 + 88(xy + yz + zx)^{10}(xyz)^3 + 44(x + y + z)^7(xy + yz + zx)^{11} - \\
&330(x + y + z)^4(xy + yz + zx)^{11}(xyz) - 132(x + y + z)(xy + yz + zx)^{11}(xyz)^2 - \\
&77(x + y + z)^5(xy + yz + zx)^{12} - 11(x + y + z)^2(xy + yz + zx)^{12}(xyz) + 55(x + y + \\
&z)^3(xy + yz + zx)^{13} + 11(xy + yz + zx)^{13}(xyz) - 11(x + y + z)(xy + yz + zx)^{14}
\end{aligned}$$

$$\begin{aligned}
s(21, 8, 0) = &+2(x + y + z)^{17}(xyz)^4 + 18(x + y + z)^{14}(xyz)^5 - 286(x + \\
&y + z)^8(xyz)^7 - 495(x + y + z)^5(xyz)^8 - 109(x + y + z)^2(xyz)^9 - 2(x + y + \\
&z)^{15}(xy + yz + zx)(xyz)^4 + 182(x + y + z)^{12}(xy + yz + zx)(xyz)^5 + 1638(x + \\
&y + z)^9(xy + yz + zx)(xyz)^6 + 3484(x + y + z)^6(xy + yz + zx)(xyz)^7 + 1357(x + \\
&y + z)^3(xy + yz + zx)(xyz)^8 + 5(xy + yz + zx)(xyz)^9 - 16(x + y + z)^{16}(xy + \\
&yz + zx)^2(xyz)^3 - 378(x + y + z)^{13}(xy + yz + zx)^2(xyz)^4 - 3276(x + y + \\
&z)^{10}(xy + yz + zx)^2(xyz)^5 - 9100(x + y + z)^7(xy + yz + zx)^2(xyz)^6 - 5616(x + \\
&y + z)^4(xy + yz + zx)^2(xyz)^7 - 57(x + y + z)(xy + yz + zx)^2(xyz)^8 + 176(x + \\
&y + z)^{14}(xy + yz + zx)^3(xyz)^3 + 2548(x + y + z)^{11}(xy + yz + zx)^3(xyz)^4 + \\
&10374(x + y + z)^8(xy + yz + zx)^3(xyz)^5 + 9464(x + y + z)^5(xy + yz + \\
&zx)^3(xyz)^6 - 312(x + y + z)^2(xy + yz + zx)^3(xyz)^7 + 20(x + y + z)^{15}(xy + \\
&yz + zx)^4(xyz)^2 - 364(x + y + z)^{12}(xy + yz + zx)^4(xyz)^3 - 3640(x + y + \\
&z)^9(xy + yz + zx)^4(xyz)^4 - 3822(x + y + z)^6(xy + yz + zx)^4(xyz)^5 + 4004(x + \\
&y + z)^3(xy + yz + zx)^4(xyz)^6 + 312(xy + yz + zx)^4(xyz)^7 - 252(x + y + \\
&z)^{13}(xy + yz + zx)^5(xyz)^2 - 1820(x + y + z)^{10}(xy + yz + zx)^5(xyz)^3 - \\
&7098(x + y + z)^7(xy + yz + zx)^5(xyz)^4 - 12558(x + y + z)^4(xy + yz + \\
&zx)^5(xyz)^5 - 2184(x + y + z)(xy + yz + zx)^5(xyz)^6 - 8(x + y + z)^{14}(xy + \\
&yz + zx)^6(xyz) + 1092(x + y + z)^{11}(xy + yz + zx)^6(xyz)^2 + 8008(x + y + \\
&z)^8(xy + yz + zx)^6(xyz)^3 + 16562(x + y + z)^5(xy + yz + zx)^6(xyz)^4 + 5460(x + \\
&y + z)^2(xy + yz + zx)^6(xyz)^5 + 104(x + y + z)^{12}(xy + yz + zx)^7(xyz) - 1664(x + \\
&y + z)^9(xy + yz + zx)^7(xyz)^2 - 8372(x + y + z)^6(xy + yz + zx)^7(xyz)^3 - \\
&5252(x + y + z)^3(xy + yz + zx)^7(xyz)^4 + 52(xy + yz + zx)^7(xyz)^5 + (x + y + \\
&z)^{13}(xy + yz + zx)^8 - 507(x + y + z)^{10}(xy + yz + zx)^8(xyz) - 468(x + y + \\
&z)^7(xy + yz + zx)^8(xyz)^2 - 91(x + y + z)^4(xy + yz + zx)^8(xyz)^3 - 663(x + \\
&y + z)(xy + yz + zx)^8(xyz)^4 - 13(x + y + z)^{11}(xy + yz + zx)^9 + 1131(x + y + \\
&z)^8(xy + yz + zx)^9(xyz) + 3003(x + y + z)^5(xy + yz + zx)^9(xyz)^2 + 1794(x + \\
&y + z)^2(xy + yz + zx)^9(xyz)^3 + 65(x + y + z)^9(xy + yz + zx)^{10} - 1092(x + \\
&y + z)^6(xy + yz + zx)^{10}(xyz) - 1638(x + y + z)^3(xy + yz + zx)^{10}(xyz)^2 -
\end{aligned}$$

$$78(xy + yz + zx)^{10}(xyz)^3 - 156(x + y + z)^7(xy + yz + zx)^{11} + 273(x + y + z)^4(xy + yz + zx)^{11}(xyz) + 78(x + y + z)(xy + yz + zx)^{11}(xyz)^2 + 182(x + y + z)^5(xy + yz + zx)^{12} + 91(x + y + z)^2(xy + yz + zx)^{12}(xyz) - 91(x + y + z)^3(xy + yz + zx)^{13} - 13(xy + yz + zx)^{13}(xyz) + 13(x + y + z)(xy + yz + zx)^{14}$$

$$s(22, 7, 0) = +7(x + y + z)^{17}(xyz)^4 + 105(x + y + z)^{14}(xyz)^5 + 525(x + y + z)^{11}(xyz)^6 + 979(x + y + z)^8(xy z)^7 + 517(x + y + z)^5(xy z)^8 + 9(x + y + z)^2(xy z)^9 - 7(x + y + z)^{18}(xy + yz + zx)(xyz)^3 - 203(x + y + z)^{15}(xy + yz + zx)(xyz)^4 - 1575(x + y + z)^{12}(xy + yz + zx)(xyz)^5 - 4235(x + y + z)^9(xy + yz + zx)(xyz)^6 - 3212(x + y + z)^6(xy + yz + zx)(xyz)^7 + 11(x + y + z)^3(xy + yz + zx)(xyz)^8 + 29(xy + yz + zx)(xyz)^9 + 84(x + y + z)^{16}(xy + yz + zx)^2(xy z)^3 + 1365(x + y + z)^{13}(xy + yz + zx)^2(xy z)^4 + 5775(x + y + z)^{10}(xy + yz + zx)^2(xy z)^5 + 5775(x + y + z)^7(xy + yz + zx)^2(xy z)^6 - 1595(x + y + z)^4(xy + yz + zx)^2(xy z)^7 - 612(x + y + z)(xy + yz + zx)^2(xy z)^8 + 14(x + y + z)^{17}(xy + yz + zx)^3(xy z)^2 - 105(x + y + z)^{14}(xy + yz + zx)^3(xy z)^3 - 1505(x + y + z)^{11}(xy + yz + zx)^3(xy z)^4 + 385(x + y + z)^8(xy + yz + zx)^3(xy z)^5 + 10395(x + y + z)^5(xy + yz + zx)^3(xy z)^6 + 4433(x + y + z)^2(xy + yz + zx)^3(xy z)^7 - 203(x + y + z)^{15}(xy + yz + zx)^4(xy z)^2 - 2170(x + y + z)^{12}(xy + yz + zx)^4(xy z)^3 - 11165(x + y + z)^9(xy + yz + zx)^4(xy z)^4 - 26950(x + y + z)^6(xy + yz + zx)^4(xy z)^5 - 15400(x + y + z)^3(xy + yz + zx)^4(xy z)^6 - 331(xy + yz + zx)^4(xy z)^7 - 7(x + y + z)^{16}(xy + yz + zx)^5(xy z) + 1050(x + y + z)^{13}(xy + yz + zx)^5(xy z)^2 + 10395(x + y + z)^{10}(xy + yz + zx)^5(xy z)^3 + 32494(x + y + z)^7(xy + yz + zx)^5(xy z)^4 + 27720(x + y + z)^4(xy + yz + zx)^5(xy z)^5 + 2079(x + y + z)(xy + yz + zx)^5(xy z)^6 + 105(x + y + z)^{14}(xy + yz + zx)^6(xy z) - 2065(x + y + z)^{11}(xy + yz + zx)^6(xy z)^2 - 15939(x + y + z)^8(xy + yz + zx)^6(xy z)^3 - 23716(x + y + z)^5(xy + yz + zx)^6(xy z)^4 - 3850(x + y + z)^2(xy + yz + zx)^6(xy z)^5 + (x + y + z)^{15}(xy + yz + zx)^7 - 615(x + y + z)^{12}(xy + yz + zx)^7(xy z) - 275(x + y + z)^9(xy + yz + zx)^7(xy z)^2 + 4158(x + y + z)^6(xy + yz + zx)^7(xy z)^3 + 110(x + y + z)^3(xy + yz + zx)^7(xy z)^4 - 242(xy + yz + zx)^7(xy z)^5 - 15(x + y + z)^{13}(xy + yz + zx)^8 + 1760(x + y + z)^{10}(xy + yz + zx)^8(xy z) + 6138(x + y + z)^7(xy + yz + zx)^8(xy z)^2 + 6930(x + y + z)^4(xy + yz + zx)^8(xy z)^3 + 1430(x + y + z)(xy + yz + zx)^8(xy z)^4 + 90(x + y + z)^{11}(xy + yz + zx)^9 - 2475(x + y + z)^8(xy + yz + zx)^9(xy z) - 6776(x + y + z)^5(xy + yz + zx)^9(xy z)^2 - 2805(x + y + z)^2(xy + yz + zx)^9(xy z)^3 - 275(x + y + z)^9(xy + yz + zx)^{10} + 1386(x + y + z)^6(xy + yz + zx)^{10}(xyz) + 1925(x + y + z)^3(xy + yz + zx)^{10}(xyz)^2 + 55(xy + yz + zx)^{10}(xyz)^3 + 450(x + y + z)^7(xy + yz + zx)^{11} +$$

$$70(x+y+z)^4(xy+yz+zx)^{11}(xyz) + 15(x+y+z)(xy+yz+zx)^{11}(xyz)^2 - 378(x+y+z)^5(xy+yz+zx)^{12} - 210(x+y+z)^2(xy+yz+zx)^{12}(xyz) + 140(x+y+z)^3(xy+yz+zx)^{13} + 15(xy+yz+zx)^{13}(xyz) - 15(x+y+z)(xy+yz+zx)^{14}$$

$$\begin{aligned} s(23, 6, 0) = & -2(x+y+z)^{20}(xyz)^3 - 31(x+y+z)^{17}(xyz)^4 - 153(x+y+z)^{14}(xyz)^5 - 205(x+y+z)^{11}(xyz)^6 + 278(x+y+z)^8(xyz)^7 + 579(x+y+z)^5(xyz)^8 + 131(x+y+z)^2(xyz)^9 + 22(x+y+z)^{18}(xy+yz+zx)(xyz)^3 + \\ & 187(x+y+z)^{15}(xy+yz+zx)(xyz)^4 - 17(x+y+z)^{12}(xy+yz+zx)(xyz)^5 - 2998(x+y+z)^9(xy+yz+zx)(xyz)^6 - 5873(x+y+z)^6(xy+yz+zx)(xyz)^7 - \\ & 2253(x+y+z)^3(xy+yz+zx)(xyz)^8 - 40(xy+yz+zx)(xyz)^9 + 9(x+y+z)^{19}(xy+yz+zx)^2(xyz)^2 + 119(x+y+z)^{16}(xy+yz+zx)^2(xyz)^3 + 1683(x+y+z)^{13}(xy+yz+zx)^2(xyz)^4 + \\ & 10761(x+y+z)^{10}(xy+yz+zx)^2(xyz)^5 + 23654(x+y+z)^7(xy+yz+zx)^2(xyz)^6 + 14064(x+y+z)^4(xy+yz+zx)^2(xyz)^7 + 903(x+y+z)(xy+yz+zx)^2(xyz)^8 - \\ & 147(x+y+z)^{17}(xy+yz+zx)^3(xyz)^2 - 2431(x+y+z)^{14}(xy+yz+zx)^3(xyz)^3 - 16983(x+y+z)^{11}(xy+yz+zx)^3(xyz)^4 - 47889(x+y+z)^8(xy+yz+zx)^3(xyz)^5 - \\ & 42882(x+y+z)^5(xy+yz+zx)^3(xyz)^6 - 6367(x+y+z)^2(xy+yz+zx)^3(xyz)^7 - 6(x+y+z)^{18}(xy+yz+zx)^4(xyz) + 867(x+y+z)^{15}(xy+yz+zx)^4(xyz)^2 + \\ & 11594(x+y+z)^{12}(xy+yz+zx)^4(xyz)^3 + 49725(x+y+z)^9(xy+yz+zx)^4(xyz)^4 + 68782(x+y+z)^6(xy+yz+zx)^4(xyz)^5 + 19614(x+y+z)^3(xy+yz+zx)^4(xyz)^6 + \\ & 142(xy+yz+zx)^4(xyz)^7 + 102(x+y+z)^{16}(xy+yz+zx)^5(xyz) - 1938(x+y+z)^{13}(xy+yz+zx)^5(xyz)^2 - 21879(x+y+z)^{10}(xy+yz+zx)^5(xyz)^3 - \\ & 53550(x+y+z)^7(xy+yz+zx)^5(xyz)^4 - 27132(x+y+z)^4(xy+yz+zx)^5(xyz)^5 - 448(x+y+z)(xy+yz+zx)^5(xyz)^6 + (x+y+z)^{17}(xy+yz+zx)^6 - \\ & 697(x+y+z)^{14}(xy+yz+zx)^6(xyz) - 867(x+y+z)^{11}(xy+yz+zx)^6(xyz)^2 + 9231(x+y+z)^8(xy+yz+zx)^6(xyz)^3 + 8568(x+y+z)^5(xy+yz+zx)^6(xyz)^4 - \\ & 2142(x+y+z)^2(xy+yz+zx)^6(xyz)^5 - 17(x+y+z)^{15}(xy+yz+zx)^7 + 2431(x+y+z)^{12}(xy+yz+zx)^7(xyz) + 11407(x+y+z)^9(xy+yz+zx)^7(xyz)^2 + \\ & 18258(x+y+z)^6(xy+yz+zx)^7(xyz)^3 + 11322(x+y+z)^3(xy+yz+zx)^7(xyz)^4 + 442(xy+yz+zx)^7(xyz)^5 + 119(x+y+z)^{13}(xy+yz+zx)^8 - \\ & 4488(x+y+z)^{10}(xy+yz+zx)^8(xyz) - 18666(x+y+z)^7(xy+yz+zx)^8(xyz)^2 - 18054(x+y+z)^4(xy+yz+zx)^8(xyz)^3 - 2142(x+y+z)(xy+yz+zx)^8(xyz)^4 - \\ & 442(x+y+z)^{11}(xy+yz+zx)^9 + 3927(x+y+z)^8(xy+yz+zx)^9(xyz) + 11016(x+y+z)^5(xy+yz+zx)^9(xyz)^2 + 3451(x+y+z)^2(xy+yz+zx)^9(xyz)^3 + \\ & 935(x+y+z)^9(xy+yz+zx)^{10} - 714(x+y+z)^6(xy+yz+zx)^{10}(xyz) - 1547(x+y+z)^3(xy+yz+zx)^{10}(xyz)^2 - \end{aligned}$$

$$17(xy + yz + zx)^{10}(xyz)^3 - 1122(x + y + z)^7(xy + yz + zx)^{11} - 918(x + y + z)^4(xy + yz + zx)^{11}(xyz) - 153(x + y + z)(xy + yz + zx)^{11}(xyz)^2 + 714(x + y + z)^5(xy + yz + zx)^{12} + 374(x + y + z)^2(xy + yz + zx)^{12}(xyz) - 204(x + y + z)^3(xy + yz + zx)^{13} - 17(xy + yz + zx)^{13}(xyz) + 17(x + y + z)(xy + yz + zx)^{14}$$

$$\begin{aligned} s(24, 5, 0) = & -5(x + y + z)^{20}(xyz)^3 - 95(x + y + z)^{17}(xyz)^4 - 666(x + y + z)^{14}(xyz)^5 - 2104(x + y + z)^{11}(xyz)^6 - 2913(x + y + z)^8(xyz)^7 - \\ & 1428(x + y + z)^5(xyz)^8 - 130(x + y + z)^2(xyz)^9 + 5(x + y + z)^{21}(xy + yz + zx)(xyz)^2 + 190(x + y + z)^{18}(xy + yz + zx)(xyz)^3 + 2090(x + y + z)^{15}(xy + yz + zx)(xyz)^4 + \\ & 9514(x + y + z)^{12}(xy + yz + zx)(xyz)^5 + 18665(x + y + z)^9(xy + yz + zx)(xyz)^6 + 13692(x + y + z)^6(xy + yz + zx)(xyz)^7 + 2370(x + y + z)^3(xy + yz + zx)(xyz)^8 + \\ & 14(xy + yz + zx)(xyz)^9 - 90(x + y + z)^{19}(xy + yz + zx)^2(xyz)^2 - 2090(x + y + z)^{16}(xy + yz + zx)^2(xyz)^3 - 15390(x + y + z)^{13}(xy + yz + zx)^2(xyz)^4 - \\ & 45012(x + y + z)^{10}(xy + yz + zx)^2(xyz)^5 - 49524(x + y + z)^7(xy + yz + zx)^2(xyz)^6 - 14700(x + y + z)^4(xy + yz + zx)^2(xyz)^7 - 330(x + y + z)(xy + yz + zx)^2(xyz)^8 - \\ & 5(x + y + z)^{20}(xy + yz + zx)^3(xyz) + 570(x + y + z)^{17}(xy + yz + zx)^3(xyz)^2 + 9880(x + y + z)^{14}(xy + yz + zx)^3(xyz)^3 + 49020(x + y + z)^{11}(xy + yz + zx)^3(xyz)^4 + \\ & 84285(x + y + z)^8(xy + yz + zx)^3(xyz)^5 + 40684(x + y + z)^5(xy + yz + zx)^3(xyz)^6 + 1940(x + y + z)^2(xy + yz + zx)^3(xyz)^7 + 95(x + y + z)^{18}(xy + yz + zx)^4(xyz) - \\ & 1140(x + y + z)^{15}(xy + yz + zx)^4(xyz)^2 - 19760(x + y + z)^{12}(xy + yz + zx)^4(xyz)^3 - 62700(x + y + z)^9(xy + yz + zx)^4(xyz)^4 - 48174(x + y + z)^6(xy + yz + zx)^4(xyz)^5 - \\ & 1820(x + y + z)^3(xy + yz + zx)^4(xyz)^6 + 250(xy + yz + zx)^4(xyz)^7 + (x + y + z)^{19}(xy + yz + zx)^5 - 741(x + y + z)^{16}(xy + yz + zx)^5(xyz) - 3192(x + y + z)^{13}(xy + yz + zx)^5(xyz)^2 + \\ & 2508(x + y + z)^{10}(xy + yz + zx)^5(xyz)^3 + 1710(x + y + z)^7(xy + yz + zx)^5(xyz)^4 - 15498(x + y + z)^4(xy + yz + zx)^5(xyz)^5 - 2842(x + y + z)(xy + yz + zx)^5(xyz)^6 - \\ & 19(x + y + z)^{17}(xy + yz + zx)^6 + 3040(x + y + z)^{14}(xy + yz + zx)^6(xyz) + 20748(x + y + z)^{11}(xy + yz + zx)^6(xyz)^2 + 50160(x + y + z)^8(xy + yz + zx)^6(xyz)^3 + \\ & 53466(x + y + z)^5(xy + yz + zx)^6(xyz)^4 + 12852(x + y + z)^2(xy + yz + zx)^6(xyz)^5 + 152(x + y + z)^{15}(xy + yz + zx)^7 - 6916(x + y + z)^{12}(xy + yz + zx)^7(xyz) - \\ & 41800(x + y + z)^9(xy + yz + zx)^7(xyz)^2 - 69540(x + y + z)^6(xy + yz + zx)^7(xyz)^3 - 28500(x + y + z)^3(xy + yz + zx)^7(xyz)^4 - 606(xy + yz + zx)^7(xyz)^5 - \\ & 665(x + y + z)^{13}(xy + yz + zx)^8 + 8151(x + y + z)^{10}(xy + yz + zx)^8(xyz) + 37620(x + y + z)^7(xy + yz + zx)^8(xyz)^2 + 31065(x + y + z)^4(xy + yz + zx)^8(xyz)^3 + 2565(x + y + z)(xy + yz + zx)^8(xyz)^4 + 1729(x + y + z)^{11}(xy + yz + zx)^9 - 3135(x + y + z) \end{aligned}$$

$$\begin{aligned}
& z)^8(xy+yz+zx)^9(xyz) - 12825(x+y+z)^5(xy+yz+zx)^9(xyz)^2 - 3230(x+y+z)^2(xy+yz+zx)^9(xyz)^3 - 2717(x+y+z)^9(xy+yz+zx)^{10} - 2508(x+y+z)^6(xy+yz+zx)^{10}(xyz) - 38(x+y+z)^3(xy+yz+zx)^{10}(xyz)^2 - 38(xy+yz+zx)^{10}(xyz)^3 + 2508(x+y+z)^7(xy+yz+zx)^{11} + 2565(x+y+z)^4(xy+yz+zx)^{11}(xyz) + 342(x+y+z)(xy+yz+zx)^{11}(xyz)^2 - 1254(x+y+z)^5(xy+yz+zx)^{12} - 589(x+y+z)^2(xy+yz+zx)^{12}(xyz) + 285(x+y+z)^3(xy+yz+zx)^{13} + 19(xy+yz+zx)^{13}(xyz) - 19(x+y+z)(xy+yz+zx)^{14}
\end{aligned}$$

$$\begin{aligned}
s(25, 4, 0) = & +2(x+y+z)^{23}(xyz)^2 + 42(x+y+z)^{20}(xyz)^3 + 335(x+y+z)^{17}(xyz)^4 + 1257(x+y+z)^{14}(xyz)^5 + 2208(x+y+z)^{11}(xyz)^6 + 1509(x+y+z)^8(xyz)^7 + 154(x+y+z)^5(xyz)^8 - 45(x+y+z)^2(xyz)^9 - 38(x+y+z)^{21}(xy+yz+zx)(xyz)^2 - 630(x+y+z)^{18}(xy+yz+zx)(xyz)^3 - 3721(x+y+z)^{15}(xy+yz+zx)(xyz)^4 - 9243(x+y+z)^{12}(xy+yz+zx)(xyz)^5 - 8305(x+y+z)^9(xy+yz+zx)(xyz)^6 - 336(x+y+z)^6(xy+yz+zx)(xyz)^7 + 1085(x+y+z)^3(xy+yz+zx)(xyz)^8 + 29(xy+yz+zx)(xyz)^9 - 4(x+y+z)^{22}(xy+yz+zx)^2(xyz) + 210(x+y+z)^{19}(xy+yz+zx)^2(xyz)^2 + 2940(x+y+z)^{16}(xy+yz+zx)^2(xyz)^3 + 11445(x+y+z)^{13}(xy+yz+zx)^2(xyz)^4 + 11814(x+y+z)^{10}(xy+yz+zx)^2(xyz)^5 - 7848(x+y+z)^7(xy+yz+zx)^2(xyz)^6 - 10220(x+y+z)^4(xy+yz+zx)^2(xyz)^7 - 855(x+y+z)(xy+yz+zx)^2(xyz)^8 + 84(x+y+z)^{20}(xy+yz+zx)^3(xyz) + 280(x+y+z)^{17}(xy+yz+zx)^3(xyz)^2 - 210(x+y+z)^{14}(xy+yz+zx)^3(xyz)^3 + 10270(x+y+z)^{11}(xy+yz+zx)^3(xyz)^4 + 49005(x+y+z)^8(xy+yz+zx)^3(xyz)^5 + 50148(x+y+z)^5(xy+yz+zx)^3(xyz)^6 + 8540(x+y+z)^2(xy+yz+zx)^3(xyz)^7 + (x+y+z)^{21}(xy+yz+zx)^4 - 735(x+y+z)^{18}(xy+yz+zx)^4(xyz) - 7840(x+y+z)^{15}(xy+yz+zx)^4(xyz)^2 - 41405(x+y+z)^{12}(xy+yz+zx)^4(xyz)^3 - 119900(x+y+z)^9(xy+yz+zx)^4(xyz)^4 - 140868(x+y+z)^6(xy+yz+zx)^4(xyz)^5 - 41580(x+y+z)^3(xy+yz+zx)^4(xyz)^6 - 670(xy+yz+zx)^4(xyz)^7 - 21(x+y+z)^{19}(xy+yz+zx)^5 + 3451(x+y+z)^{16}(xy+yz+zx)^5(xyz) + 36309(x+y+z)^{13}(xy+yz+zx)^5(xyz)^2 + 144144(x+y+z)^{10}(xy+yz+zx)^5(xyz)^3 + 231660(x+y+z)^7(xy+yz+zx)^5(xyz)^4 + 112392(x+y+z)^4(xy+yz+zx)^5(xyz)^5 + 6678(x+y+z)(xy+yz+zx)^5(xyz)^6 + 189(x+y+z)^{17}(xy+yz+zx)^6 - 9240(x+y+z)^{14}(xy+yz+zx)^6(xyz) - 81536(x+y+z)^{11}(xy+yz+zx)^6(xyz)^2 - 214830(x+y+z)^8(xy+yz+zx)^6(xyz)^3 - 174468(x+y+z)^5(xy+yz+zx)^6(xyz)^4 - 25368(x+y+z)^2(xy+yz+zx)^6(xyz)^5 - 952(x+y+z)^{15}(xy+yz+zx)^7 + 13377(x+y+z)^{12}(xy+yz+zx)^7(xyz) + 95810(x+y+z)^9(xy+yz+zx)^7(xyz)^2 + 147840(x+y+z)^6(xy+yz+zx)^7(xyz)^3 +
\end{aligned}$$

$$\begin{aligned}
&46320(x+y+z)^3(xy+yz+zx)^7(xyz)^4+654(xy+yz+zx)^7(xyz)^5+2940(x+y+z)^{13}(xy+yz+zx)^8-7007(x+y+z)^{10}(xy+yz+zx)^8(xyz)-52470(x+y+z)^7(xy+yz+zx)^8(xyz)^2-39060(x+y+z)^4(xy+yz+zx)^8(xyz)^3-2355(x+y+z)(xy+yz+zx)^8(xyz)^4-5733(x+y+z)^{11}(xy+yz+zx)^9-6435(x+y+z)^8(xy+yz+zx)^9(xyz)+6160(x+y+z)^5(xy+yz+zx)^9(xyz)^2+1470(x+y+z)^2(xy+yz+zx)^9(xyz)^3+7007(x+y+z)^9(xy+yz+zx)^{10}+11088(x+y+z)^6(xy+yz+zx)^{10}(xyz)+3542(x+y+z)^3(xy+yz+zx)^{10}(xyz)^2+112(xy+yz+zx)^{10}(xyz)^3-5148(x+y+z)^7(xy+yz+zx)^{11}-5390(x+y+z)^4(xy+yz+zx)^{11}(xyz)-588(x+y+z)(xy+yz+zx)^{11}(xyz)^2+2079(x+y+z)^5(xy+yz+zx)^{12}+861(x+y+z)^2(xy+yz+zx)^{12}(xyz)-385(x+y+z)^3(xy+yz+zx)^{13}-21(xy+yz+zx)^{13}(xyz)+21(x+y+z)(xy+yz+zx)^{14}
\end{aligned}$$

$$\begin{aligned}
&s(26, 3, 0) = +3(x+y+z)^{23}(xyz)^2+68(x+y+z)^{20}(xyz)^3+601(x+y+z)^{17}(xyz)^4+2610(x+y+z)^{14}(xyz)^5+5759(x+y+z)^{11}(xyz)^6+6006(x+y+z)^8(xyz)^7+2394(x+y+z)^5(xyz)^8+206(x+y+z)^2(xyz)^9-3(x+y+z)^{24}(xy+yz+zx)(xyz)-138(x+y+z)^{21}(xy+yz+zx)(xyz)^2-1912(x+y+z)^{18}(xy+yz+zx)(xyz)^3-11824(x+y+z)^{15}(xy+yz+zx)(xyz)^4-35854(x+y+z)^{12}(xy+yz+zx)(xyz)^5-51766(x+y+z)^9(xy+yz+zx)(xyz)^6-30576(x+y+z)^6(xy+yz+zx)(xyz)^7-4952(x+y+z)^3(xy+yz+zx)(xyz)^8-49(xy+yz+zx)(xyz)^9+69(x+y+z)^{22}(xy+yz+zx)^2(xyz)+2001(x+y+z)^{19}(xy+yz+zx)^2(xyz)^2+19771(x+y+z)^{16}(xy+yz+zx)^2(xyz)^3+87255(x+y+z)^{13}(xy+yz+zx)^2(xyz)^4+178893(x+y+z)^{10}(xy+yz+zx)^2(xyz)^5+155298(x+y+z)^7(xy+yz+zx)^2(xyz)^6+42966(x+y+z)^4(xy+yz+zx)^2(xyz)^7+1581(x+y+z)(xy+yz+zx)^2(xyz)^8+(x+y+z)^{23}(xy+yz+zx)^3-667(x+y+z)^{20}(xy+yz+zx)^3(xyz)-14283(x+y+z)^{17}(xy+yz+zx)^3(xyz)^2-103160(x+y+z)^{14}(xy+yz+zx)^3(xyz)^3-317135(x+y+z)^{11}(xy+yz+zx)^3(xyz)^4-410553(x+y+z)^8(xy+yz+zx)^3(xyz)^5-185094(x+y+z)^5(xy+yz+zx)^3(xyz)^6-16428(x+y+z)^2(xy+yz+zx)^3(xyz)^7-23(x+y+z)^{21}(xy+yz+zx)^4+3496(x+y+z)^{18}(xy+yz+zx)^4(xyz)+57868(x+y+z)^{15}(xy+yz+zx)^4(xyz)^2+301210(x+y+z)^{12}(xy+yz+zx)^4(xyz)^3+610610(x+y+z)^9(xy+yz+zx)^4(xyz)^4+444444(x+y+z)^6(xy+yz+zx)^4(xyz)^5+79506(x+y+z)^3(xy+yz+zx)^4(xyz)^6+768(xy+yz+zx)^4(xyz)^7+230(x+y+z)^{19}(xy+yz+zx)^5-10557(x+y+z)^{16}(xy+yz+zx)^5(xyz)-139104(x+y+z)^{13}(xy+yz+zx)^5(xyz)^2-502502(x+y+z)^{10}(xy+yz+zx)^5(xyz)^3-612612(x+y+z)^7(xy+yz+zx)^5(xyz)^4-204750(x+y+z)^4(xy+yz+zx)^5(xyz)^5-7896(x+y+z)
\end{aligned}$$

$$\begin{aligned}
& y+z)(xy+yz+zx)^5(xyz)^6 - 1311(x+y+z)^{17}(xy+yz+zx)^6 + 17204(x+y+z)^{14}(xy+yz+zx)^6(xyz) + 194649(x+y+z)^{11}(xy+yz+zx)^6(xyz)^2 + \\
& 459459(x+y+z)^8(xy+yz+zx)^6(xyz)^3 + 288288(x+y+z)^5(xy+yz+zx)^6(xyz)^4 + 29358(x+y+z)^2(xy+yz+zx)^6(xyz)^5 + 4692(x+y+z)^{15}(xy+yz+zx)^7 - \\
& 8372(x+y+z)^{12}(xy+yz+zx)^7(xyz) - 141427(x+y+z)^9(xy+yz+zx)^7(xyz)^2 - 200772(x+y+z)^6(xy+yz+zx)^7(xyz)^3 - 47970(x+y+z)^3(xy+yz+zx)^7(xyz)^4 - \\
& 426(xy+yz+zx)^7(xyz)^5 - 10948(x+y+z)^{13}(xy+yz+zx)^8 - 19734(x+y+z)^{10}(xy+yz+zx)^8(xyz) + 29601(x+y+z)^7(xy+yz+zx)^8(xyz)^2 + \\
& 25740(x+y+z)^4(xy+yz+zx)^8(xyz)^3 + 855(x+y+z)(xy+yz+zx)^8(xyz)^4 + 16744(x+y+z)^{11}(xy+yz+zx)^9 + 39468(x+y+z)^8(xy+yz+zx)^9(xyz) + \\
& 19734(x+y+z)^5(xy+yz+zx)^9(xyz)^2 + 2860(x+y+z)^2(xy+yz+zx)^9(xyz)^3 - 16445(x+y+z)^9(xy+yz+zx)^{10} - 29601(x+y+z)^6(xy+yz+zx)^{10}(xyz) - \\
& 9867(x+y+z)^3(xy+yz+zx)^{10}(xyz)^2 - 209(xy+yz+zx)^{10}(xyz)^3 + 9867(x+y+z)^7(xy+yz+zx)^{11} + 9867(x+y+z)^4(xy+yz+zx)^{11}(xyz) + \\
& 897(x+y+z)(xy+yz+zx)^{11}(xyz)^2 - 3289(x+y+z)^5(xy+yz+zx)^{12} - 1196(x+y+z)^2(xy+yz+zx)^{12}(xyz) + 506(x+y+z)^3(xy+yz+zx)^{13} + \\
& 23(xy+yz+zx)^{13}(xyz) - 23(x+y+z)(xy+yz+zx)^{14}
\end{aligned}$$

$$\begin{aligned}
s(27, 2, 0) = & -2(x+y+z)^{26}(xyz) - 51(x+y+z)^{23}(xyz)^2 - 523(x+y+z)^{20}(xyz)^3 - 2757(x+y+z)^{17}(xyz)^4 - 7920(x+y+z)^{14}(xyz)^5 - 12103(x+y+z)^{11}(xyz)^6 - \\
& 8877(x+y+z)^8(xyz)^7 - 2466(x+y+z)^5(xyz)^8 - 142(x+y+z)^2(xyz)^9 + 50(x+y+z)^{24}(xy+yz+zx)(xyz) + 1073(x+y+z)^{21}(xy+yz+zx)(xyz)^2 + \\
& 8987(x+y+z)^{18}(xy+yz+zx)(xyz)^3 + 37128(x+y+z)^{15}(xy+yz+zx)(xyz)^4 + 78715(x+y+z)^{12}(xy+yz+zx)(xyz)^5 + 80795(x+y+z)^9(xy+yz+zx)(xyz)^6 + \\
& 33726(x+y+z)^6(xy+yz+zx)(xyz)^7 + 3732(x+y+z)^3(xy+yz+zx)(xyz)^8 + 23(xy+yz+zx)(xyz)^9 + (x+y+z)^{25}(xy+yz+zx)^2 - \\
& 525(x+y+z)^{22}(xy+yz+zx)^2(xyz) - 9480(x+y+z)^{19}(xy+yz+zx)^2(xyz)^2 - 63444(x+y+z)^{16}(xy+yz+zx)^2(xyz)^3 - 197820(x+y+z)^{13}(xy+yz+zx)^2(xyz)^4 - \\
& 291291(x+y+z)^{10}(xy+yz+zx)^2(xyz)^5 - 180840(x+y+z)^7(xy+yz+zx)^2(xyz)^6 - 34740(x+y+z)^4(xy+yz+zx)^2(xyz)^7 - 819(x+y+z)(xy+yz+zx)^2(xyz)^8 - \\
& 25(x+y+z)^{23}(xy+yz+zx)^3 + 2975(x+y+z)^{20}(xy+yz+zx)^3(xyz) + 45486(x+y+z)^{17}(xy+yz+zx)^3(xyz)^2 + 236640(x+y+z)^{14}(xy+yz+zx)^3(xyz)^3 + 529165(x+y+z)^{11}(xy+yz+zx)^3(xyz)^4 + \\
& 495495(x+y+z)^8(xy+yz+zx)^3(xyz)^5 + 157080(x+y+z)^5(xy+yz+zx)^3(xyz)^6 + 9096(x+y+z)^2(xy+yz+zx)^3(xyz)^7 + 275(x+y+z)^{21}(xy+yz+zx)^4 - 9500(x+y+z)^{18}(xy+yz+zx)^4
\end{aligned}$$

$$\begin{aligned}
&yz + zx)^4(xyz) - 127092(x + y + z)^{15}(xy + yz + zx)^4(xyz)^2 - 496860(x + \\
&y + z)^{12}(xy + yz + zx)^4(xyz)^3 - 740740(x + y + z)^9(xy + yz + zx)^4(xyz)^4 - \\
&383460(x + y + z)^6(xy + yz + zx)^4(xyz)^5 - 45150(x + y + z)^3(xy + yz + \\
&zx)^4(xyz)^6 - 222(xy + yz + zx)^4(xyz)^7 - 1750(x + y + z)^{19}(xy + yz + zx)^5 + \\
&14535(x + y + z)^{16}(xy + yz + zx)^5(xyz) + 201348(x + y + z)^{13}(xy + yz + \\
&zx)^5(xyz)^2 + 569569(x + y + z)^{10}(xy + yz + zx)^5(xyz)^3 + 504504(x + y + \\
&z)^7(xy + yz + zx)^5(xyz)^4 + 110880(x + y + z)^4(xy + yz + zx)^5(xyz)^5 + 2058(x + \\
&y + z)(xy + yz + zx)^5(xyz)^6 + 7125(x + y + z)^{17}(xy + yz + zx)^6 + 5100(x + \\
&y + z)^{14}(xy + yz + zx)^6(xyz) - 144144(x + y + z)^{11}(xy + yz + zx)^6(xyz)^2 - \\
&294294(x + y + z)^8(xy + yz + zx)^6(xyz)^3 - 121506(x + y + z)^5(xy + yz + \\
&zx)^6(xyz)^4 - 4410(x + y + z)^2(xy + yz + zx)^6(xyz)^5 - 19380(x + y + z)^{15}(xy + \\
&yz + zx)^7 - 66300(x + y + z)^{12}(xy + yz + zx)^7(xyz) - 37180(x + y + z)^9(xy + \\
&yz + zx)^7(xyz)^2 - 3432(x + y + z)^6(xy + yz + zx)^7(xyz)^3 - 9570(x + y + \\
&z)^3(xy + yz + zx)^7(xyz)^4 - 354(xy + yz + zx)^7(xyz)^5 + 35700(x + y + z)^{13}(xy + \\
&yz + zx)^8 + 128700(x + y + z)^{10}(xy + yz + zx)^8(xyz) + 140283(x + y + z)^7(xy + \\
&yz + zx)^8(xyz)^2 + 54615(x + y + z)^4(xy + yz + zx)^8(xyz)^3 + 3465(x + y + \\
&z)(xy + yz + zx)^8(xyz)^4 - 44200(x + y + z)^{11}(xy + yz + zx)^9 - 125125(x + y + \\
&z)^8(xy + yz + zx)^9(xyz) - 89661(x + y + z)^5(xy + yz + zx)^9(xyz)^2 - 12485(x + \\
&y + z)^2(xy + yz + zx)^9(xyz)^3 + 35750(x + y + z)^9(xy + yz + zx)^{10} + 65065(x + \\
&y + z)^6(xy + yz + zx)^{10}(xyz) + 20944(x + y + z)^3(xy + yz + zx)^{10}(xyz)^2 + \\
&352(xy + yz + zx)^{10}(xyz)^3 - 17875(x + y + z)^7(xy + yz + zx)^{11} - 16575(x + y + \\
&z)^4(xy + yz + zx)^{11}(xyz) - 1302(x + y + z)(xy + yz + zx)^{11}(xyz)^2 + 5005(x + \\
&y + z)^5(xy + yz + zx)^{12} + 1600(x + y + z)^2(xy + yz + zx)^{12}(xyz) - 650(x + y + \\
&z)^3(xy + yz + zx)^{13} - 25(xy + yz + zx)^{13}(xyz) + 25(x + y + z)(xy + yz + zx)^{14}
\end{aligned}$$

$$\begin{aligned}
s(28, 1, 0) = &-(x + y + z)^{26}(xyz) - 26(x + y + z)^{23}(xyz)^2 - 273(x + y + \\
&z)^{20}(xyz)^3 - 1482(x + y + z)^{17}(xyz)^4 - 4420(x + y + z)^{14}(xyz)^5 - 7098(x + \\
&y + z)^{11}(xyz)^6 - 5577(x + y + z)^8(xyz)^7 - 1716(x + y + z)^5(xyz)^8 - 117(x + \\
&y + z)^2(xyz)^9 + (x + y + z)^{27}(xy + yz + zx) + 53(x + y + z)^{24}(xy + yz + \\
&zx)(xyz) + 869(x + y + z)^{21}(xy + yz + zx)(xyz)^2 + 6650(x + y + z)^{18}(xy + \\
&yz + zx)(xyz)^3 + 26724(x + y + z)^{15}(xy + yz + zx)(xyz)^4 + 57148(x + y + \\
&z)^{12}(xy + yz + zx)(xyz)^5 + 61061(x + y + z)^9(xy + yz + zx)(xyz)^6 + 27588(x + \\
&y + z)^6(xy + yz + zx)(xyz)^7 + 3525(x + y + z)^3(xy + yz + zx)(xyz)^8 + 29(xy + \\
&yz + zx)(xyz)^9 - 27(x + y + z)^{25}(xy + yz + zx)^2 - 920(x + y + z)^{22}(xy + \\
&yz + zx)^2(xyz) - 11130(x + y + z)^{19}(xy + yz + zx)^2(xyz)^2 - 63954(x + y + \\
&z)^{16}(xy + yz + zx)^2(xyz)^3 - 188020(x + y + z)^{13}(xy + yz + zx)^2(xyz)^4 -
\end{aligned}$$

$$\begin{aligned}
& 276276(x+y+z)^{10}(xy+yz+zx)^2(xyz)^5 - 180180(x+y+z)^7(xy+yz+zx)^2(xyz)^6 - 38940(x+y+z)^4(xy+yz+zx)^2(xyz)^7 - 1179(x+y+z)(xy+yz+zx)^2(xyz)^8 + 324(x+y+z)^{23}(xy+yz+zx)^3 + 8239(x+y+z)^{20}(xy+yz+zx)^3(xyz) + 75810(x+y+z)^{17}(xy+yz+zx)^3(xyz)^2 + 324360(x+y+z)^{14}(xy+yz+zx)^3(xyz)^3 + 673400(x+y+z)^{11}(xy+yz+zx)^3(xyz)^4 + 633633(x+y+z)^8(xy+yz+zx)^3(xyz)^5 + 218988(x+y+z)^5(xy+yz+zx)^3(xyz)^6 + 15780(x+y+z)^2(xy+yz+zx)^3(xyz)^7 - 2277(x+y+z)^{21}(xy+yz+zx)^4 - 44555(x+y+z)^{18}(xy+yz+zx)^4(xyz) - 310080(x+y+z)^{15}(xy+yz+zx)^4(xyz)^2 - 959140(x+y+z)^{12}(xy+yz+zx)^4(xyz)^3 - 1326325(x+y+z)^9(xy+yz+zx)^4(xyz)^4 - 714714(x+y+z)^6(xy+yz+zx)^4(xyz)^5 - 101640(x+y+z)^3(xy+yz+zx)^4(xyz)^6 - 870(xy+yz+zx)^4(xyz)^7 + 10395(x+y+z)^{19}(xy+yz+zx)^5 + 156009(x+y+z)^{16}(xy+yz+zx)^5(xyz) + 801108(x+y+z)^{13}(xy+yz+zx)^5(xyz)^2 + 1705704(x+y+z)^{10}(xy+yz+zx)^5(xyz)^3 + 1435434(x+y+z)^7(xy+yz+zx)^5(xyz)^4 + 367290(x+y+z)^4(xy+yz+zx)^5(xyz)^5 + 12222(x+y+z)(xy+yz+zx)^5(xyz)^6 - 32319(x+y+z)^{17}(xy+yz+zx)^6 - 364344(x+y+z)^{14}(xy+yz+zx)^6(xyz) - 1324232(x+y+z)^{11}(xy+yz+zx)^6(xyz)^2 - 1801800(x+y+z)^8(xy+yz+zx)^6(xyz)^3 - 798798(x+y+z)^5(xy+yz+zx)^6(xyz)^4 - 67452(x+y+z)^2(xy+yz+zx)^6(xyz)^5 + 69768(x+y+z)^{15}(xy+yz+zx)^7 + 570180(x+y+z)^{12}(xy+yz+zx)^7(xyz) + 1378520(x+y+z)^9(xy+yz+zx)^7(xyz)^2 + 1069068(x+y+z)^6(xy+yz+zx)^7(xyz)^3 + 193380(x+y+z)^3(xy+yz+zx)^7(xyz)^4 + 1914(xy+yz+zx)^7(xyz)^5 - 104652(x+y+z)^{13}(xy+yz+zx)^8 - 588302(x+y+z)^{10}(xy+yz+zx)^8(xyz) - 862290(x+y+z)^7(xy+yz+zx)^8(xyz)^2 - 315315(x+y+z)^4(xy+yz+zx)^8(xyz)^3 - 13200(x+y+z)(xy+yz+zx)^8(xyz)^4 + 107406(x+y+z)^{11}(xy+yz+zx)^9 + 384670(x+y+z)^8(xy+yz+zx)^9(xyz) + 295295(x+y+z)^5(xy+yz+zx)^9(xyz)^2 + 35310(x+y+z)^2(xy+yz+zx)^9(xyz)^3 - 72930(x+y+z)^9(xy+yz+zx)^{10} - 148148(x+y+z)^6(xy+yz+zx)^{10}(xyz) - 46046(x+y+z)^3(xy+yz+zx)^{10}(xyz)^2 - 638(xy+yz+zx)^{10}(xyz)^3 + 30888(x+y+z)^7(xy+yz+zx)^{11} + 29393(x+y+z)^4(xy+yz+zx)^{11}(xyz) + 2094(x+y+z)(xy+yz+zx)^{11}(xyz)^2 - 7371(x+y+z)^5(xy+yz+zx)^{12} - 2275(x+y+z)^2(xy+yz+zx)^{12}(xyz) + 819(x+y+z)^3(xy+yz+zx)^{13} + 29(xy+yz+zx)^{13}(xyz) - 27(x+y+z)(xy+yz+zx)^{14}
\end{aligned}$$

$$\begin{aligned}
& s(29, 0, 0) = +(x+y+z)^{29} + 29(x+y+z)^{26}(xyz) + 348(x+y+z)^{23}(xyz)^2 + 2233(x+y+z)^{20}(xyz)^3 + 8265(x+y+z)^{17}(xyz)^4 + 17748(x+y+z)^{14}(xyz)^5 + 21112(x+y+z)^{11}(xyz)^6 + 12441(x+y+z)^8(xyz)^7 + 2871(x+y+z)^5(xyz)^8 +
\end{aligned}$$

$$\begin{aligned}
& 145(x+y+z)^2(xyz)^9 - 29(x+y+z)^{27}(xy+yz+zx) - 725(x+y+z)^{24}(xy+yz+zx)(xyz) - 7337(x+y+z)^{21}(xy+yz+zx)(xyz)^2 - 38570(x+y+z)^{18}(xy+yz+zx)(xyz)^3 - 112404(x+y+z)^{15}(xy+yz+zx)(xyz)^4 - 179452(x+y+z)^{12}(xy+yz+zx)(xyz)^5 - 145145(x+y+z)^9(xy+yz+zx)(xyz)^6 - 49764(x+y+z)^6(xy+yz+zx)(xyz)^7 - 4785(x+y+z)^3(xy+yz+zx)(xyz)^8 - 29(xy+yz+zx)(xyz)^9 + 377(x+y+z)^{25}(xy+yz+zx)^2 + 8004(x+y+z)^{22}(xy+yz+zx)^2(xyz) + 66990(x+y+z)^{19}(xy+yz+zx)^2(xyz)^2 + 281010(x+y+z)^{16}(xy+yz+zx)^2(xyz)^3 + 621180(x+y+z)^{13}(xy+yz+zx)^2(xyz)^4 + 696696(x+y+z)^{10}(xy+yz+zx)^2(xyz)^5 + 348348(x+y+z)^7(xy+yz+zx)^2(xyz)^6 + 57420(x+y+z)^4(xy+yz+zx)^2(xyz)^7 + 1305(x+y+z)(xy+yz+zx)^2(xyz)^8 - 2900(x+y+z)^{23}(xy+yz+zx)^3 - 51359(x+y+z)^{20}(xy+yz+zx)^3(xyz) - 347130(x+y+z)^{17}(xy+yz+zx)^3(xyz)^2 - 1124040(x+y+z)^{14}(xy+yz+zx)^3(xyz)^3 - 1794520(x+y+z)^{11}(xy+yz+zx)^3(xyz)^4 - 1306305(x+y+z)^8(xy+yz+zx)^3(xyz)^5 - 348348(x+y+z)^5(xy+yz+zx)^3(xyz)^6 - 19140(x+y+z)^2(xy+yz+zx)^3(xyz)^7 + 14674(x+y+z)^{21}(xy+yz+zx)^4 + 212135(x+y+z)^{18}(xy+yz+zx)^4(xyz) + 1124040(x+y+z)^{15}(xy+yz+zx)^4(xyz)^2 + 2691780(x+y+z)^{12}(xy+yz+zx)^4(xyz)^3 + 2902900(x+y+z)^9(xy+yz+zx)^4(xyz)^4 + 1219218(x+y+z)^6(xy+yz+zx)^4(xyz)^5 + 133980(x+y+z)^3(xy+yz+zx)^4(xyz)^6 + 870(xy+yz+zx)^4(xyz)^7 - 51359(x+y+z)^{19}(xy+yz+zx)^5 - 590121(x+y+z)^{16}(xy+yz+zx)^5(xyz) - 2360484(x+y+z)^{13}(xy+yz+zx)^5(xyz)^2 - 3947944(x+y+z)^{10}(xy+yz+zx)^5(xyz)^3 - 2612610(x+y+z)^7(xy+yz+zx)^5(xyz)^4 - 522522(x+y+z)^4(xy+yz+zx)^5(xyz)^5 - 13398(x+y+z)(xy+yz+zx)^5(xyz)^6 + 127281(x+y+z)^{17}(xy+yz+zx)^6 + 1124040(x+y+z)^{14}(xy+yz+zx)^6(xyz) + 3230136(x+y+z)^{11}(xy+yz+zx)^6(xyz)^2 + 3483480(x+y+z)^8(xy+yz+zx)^6(xyz)^3 + 1219218(x+y+z)^5(xy+yz+zx)^6(xyz)^4 + 80388(x+y+z)^2(xy+yz+zx)^6(xyz)^5 - 224808(x+y+z)^{15}(xy+yz+zx)^7 - 1461252(x+y+z)^{12}(xy+yz+zx)^7(xyz) - 2819960(x+y+z)^9(xy+yz+zx)^7(xyz)^2 - 1741740(x+y+z)^6(xy+yz+zx)^7(xyz)^3 - 248820(x+y+z)^3(xy+yz+zx)^7(xyz)^4 - 1914(xy+yz+zx)^7(xyz)^5 + 281010(x+y+z)^{13}(xy+yz+zx)^8 + 1268982(x+y+z)^{10}(xy+yz+zx)^8(xyz) + 1492920(x+y+z)^7(xy+yz+zx)^8(xyz)^2 + 435435(x+y+z)^4(xy+yz+zx)^8(xyz)^3 + 14355(x+y+z)(xy+yz+zx)^8(xyz)^4 - 243542(x+y+z)^{11}(xy+yz+zx)^9 - 704990(x+y+z)^8(xy+yz+zx)^9(xyz) - 435435(x+y+z)^5(xy+yz+zx)^9(xyz)^2 - 41470(x+y+z)
\end{aligned}$$

$$\begin{aligned}
& z)^2(xy+yz+zx)^9(xyz)^3 + 140998(x+y+z)^9(xy+yz+zx)^{10} + 232232(x+y+z)^6(xy+yz+zx)^{10}(xyz) + 58058(x+y+z)^3(xy+yz+zx)^{10}(xyz)^2 + \\
& 638(xy+yz+zx)^{10}(xyz)^3 - 51272(x+y+z)^7(xy+yz+zx)^{11} - 39585(x+y+z)^4(xy+yz+zx)^{11}(xyz) - 2262(x+y+z)(xy+yz+zx)^{11}(xyz)^2 + 10556(x+y+z)^5(xy+yz+zx)^{12} + 2639(x+y+z)^2(xy+yz+zx)^{12}(xyz) - 1015(x+y+z)^3(xy+yz+zx)^{13} - 29(xy+yz+zx)^{13}(xyz) + 29(x+y+z)(xy+yz+zx)^{14}
\end{aligned}$$