セミナー情報

2022年3月 セミナー一覧

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2022.3.11(金) | セミナー

ロジックセミナー(13:15--15:00【会場: zoom によるオンライン開催】)

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題目: Relative interpretability and partial conservativity

概要:

This talk introduces basic results around relative interpretability and partial conservativity, which are notions related to Gödel's incompleteness theorem. Roughly speaking, for any theories \$T\$ and \$U\$, we say that \$T\$ is interpretable in \$U\$ if a model of \$T\$ is definable in that of \$U\$. For any theories \$T\$ and \$U\$, we say that \$T\$ is \$\frac{1}{2}\$ is \$\frac{1}{2}\$ Gamma\$-conservative over \$U\$ if any \$T\$-provable \$\frac{1}{2}\$ Gamma\$ sentence is provable in \$U\$. We introduce the basic properties of relative interpretability and partial conservativity and their relationships. Also, we introduce the modal investigations of them.

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