

Seminar 2023

Math

Urysohn structures in continuous logic

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2023년 6월 27일(화) 16시 30분 - 17시 30분

Sci. building #254

Continuous logic is a multi-valued logic for metric structures that has received a lot of attention in recent years. In this talk we consider questions in continuous model theory and give characterizations for the following properties in continuous logic:

- (1) the existence of Urysohn (pre-)structures;
- (2) the amalgamation property;
- (3) the existence of Fraisse limits for the class of finite continuous structures;
- (4) the EPPA property;
- (5) the existence of Fraisse limits for the class of finite group actions on finite continuous structures. This is joint work with Xuanzhi Ren.



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