

Logic Seminar

Menger compacta and projective Fraisse limits

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Abstract: In every dimension n , there exists a canonical compact, metrizable space called the n -dimensional Menger space. For $n = 0$, it is the Cantor space and for $n = \infty$, it is the Hilbert cube. On the first part of the talk I will illustrate how basic notions of classical descriptive set theory naturally generalize into higher homotopical dimensions. In the second part of the talk I show how projective Fraisse machinery can be employed in the study of the Menger compacta.

This is a joint work with Slawomir Solecki.

Tuesday, February 16 at 4:00 PM in SEO 427
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