Mathematics, Statistics, and Computer Science   **@ UIC**

Logic Seminar

The model-theoretic content of a result of Junge and Pisier

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Abstract: An operator space is a norm closed linear subspace of the Banach space B(H) of bounded linear operators on a Hilbert space. For reasons that will be explained in this talk, operator spaces are the noncommutative analogs of Banach spaces. A fundamental result of Junge and Pisier shows that there are many more operator spaces than there are Banach spaces in a way to be made precise in the talk. I will explain the model-theoretic content of their result. Parts of this talk represent joint work with Martino Lupini and other parts represent joint work with Thomas Sinclair.

Tuesday, March 3 at 4:00 PM in SEO 427