

The noncommutative Gurarij space

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Logic Seminar

(University of Illinois at Chicago)

Working in the framework of Fraïssé theory for metric structures developed by Ben Yaacov, we show that the noncommutative Gurarij space introduced by Oikhberg can be characterized as the Fraïssé limit of the class of 1-exact finite-dimensional operator spaces. As a consequence we deduce that such an operator space is unique, homogeneous, and universal for separable 1-exact operator spaces.