ASYMPTOTIC AND MULTIDIMENSIONAL ASYMPTOTIC CLASSES OF FINITE STRUCTURES

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Asymptotic classes of finite structures and measurable structures were introduced by Macpherson and the speaker in an effort to develop a model theory for classes of finite structures that reflects contemporary infinite model theoretic themes. Current research that generalizes these concepts to what are called multidimensional asymptotic classes and generalized measurable structures will be emphasized. Much of this most recent work is joint with Macpherson, S. Anscombe, and D. Wolf.

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