

Almost every 3-IET is not simple

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This talk will present that almost every 3-IET is not simple. That is, it has ergodic self joinings that are neither the product measure nor "supported on a graph." This answers a question of Veech. Moreover, the ergodic self joinings are (weak-*) dense in the self-joinings. Relevant terminology will be defined. This is joint work with Alex Eskin.