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Weak mixing and property T

It is typically a hopeless task to try to classify dynamical systems on commutative or noncommutative probability spaces up to conjugacy. On the other hand, one can often isolate properties which hold for generic systems in the sense of Baire category. I will discuss the prevalence of different types of mixing behaviour and how this is connected to the structure of the acting group, with a particular focus on weak mixing and Kazhdan's property T.