

MIXING-LIKE NOTIONS AND RATIONAL WEAK MIXING FOR INFINITE MEASURE-PRESERVING TRANSFORMATIONS

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ABSTRACT. Aaronson has recently introduced the notion of rational weak mixing as a mixing-like condition for infinite measure-preserving transformations. We will consider rank-one transformations satisfying this property, and compare it with other mixing-like properties such as zero type and double ergodicity.

Joint work with Dai, Garcia and Padurariu.