

Tytuł: **Exact number of ergodic measures for Bratteli diagrams**
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We study the simplex of probability measures on a Bratteli diagram which are invariant with respect to the tail equivalence relation. We prove a criterion of unique ergodicity of a Bratteli diagram. In case when a finite rank k Bratteli diagram B has $1 \leq l \leq k$ ergodic invariant measures, we describe the structures of the diagram and the subdiagrams which support these measures. This is a joint work with S. Bezuglyi and J. Kwiatkowski.