

TYPICAL PROPERTIES OF INTERVAL MAPS PRESERVING THE LEBESGUE MEASURE

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We survey the older and also recent results concerning typical properties of Lebesgue measure preserving interval maps. Among other properties we show that the typical continuous maps of the interval which preserve the Lebesgue measure satisfies the shadowing and periodic shadowing properties and for each $k \geq 1$ the set of periodic points of period dividing k is a Cantor set of Hausdorff dimension zero and upper box dimension one.

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