

TIME-RESTRICTED SENSITIVITY AND ENTROPY

Online Seminar

Speaker: Professor Zhang Ruifeng
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Time: Fri, Aug. 28th, 15:30-16:30

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Abstract: We consider measure-theoretical restricted sensitivity and topological restricted sensitivities by restricting the first sensitive time. For a given topological dynamical system, we define measure-theoretical restricted asymptotic rate with respect to sensitivity, and obtain that it equal to the reciprocal of the Brin-Katok local entropy for almost every point. For topological version we have similar definitions and conclusions.