

***ERGODIC OPTIMIZATION OF EXPANDING CIRCLE MAPS
WITH ANALYTIC DATA***

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Tencent room: 948-235-565 Code: 200433

Abstract: In this talk, we consider some ergodic optimization problems for a real analytic expanding circle map. We show that all optimizing measures of a real analytic potential function have zero entropy, unless the potential is cohomologous to constant. This talk is based on a joint work with Weixiao Shen.