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**Jian Li** and **Piotr Oprocha\*** (oprocha@agh.edu.pl). *On shadowing property and approximation of invariant measures.* Preliminary report.

Let  $(X, T)$  be a dynamical system with the shadowing property. In this talk we will present relations between ergodic measures, entropy, odometers and the structure of the space of all invariant measures  $M_T(X)$ . Presented results are in some relation to classical result of Sigmund on the structure of the space of invariant measures in topologically mixing hyperbolic systems. (Received December 25, 2015)