# DIFFEOMORPHISMS WITH ROBUSTLY ERGODIC SHADOWING

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**Abstract.** Let $f$ be a diffeomorphisms on smooth closed manifolds. If $f$ is in the $C^1$-interior of the set of all diffeomorphisms having the ergodic shadowing property, then $f$ is structurally stable.

**Keywords.** ergodic shadowing, shadowing, Axiom A, structurally stable.

**AMS (MOS) subject classification:** 34D30, 37C20.

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