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Typical limit sets of critical points for smooth interval maps. (English) Zbl 0958.37011
Ergodic Theory Dyn. Syst. 20, No. 1, 15-45 (2000).

The paper deals with C^r -structurally stable maps for $r = 2$ and continues previous research of the authors in this direction. More precisely, the authors prove that for a dense set of maps the limit set of every critical point is minimal. One of the main tools the authors use are so-called chains, which were introduced by Lyubich for interval maps with negative Schwarzian.

Reviewer: [Messoud Efendiev \(Berlin\)](#)

MSC:

[37E05](#) Dynamical systems involving maps of the interval
[37C20](#) Generic properties, structural stability of dynamical systems

Cited in **2** Documents

Keywords:

[structurally stable maps](#); [Schwarzian](#); [Lyubich map](#)

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