

Some dynamical and order properties of maps related to the real line

Aleksandr Florinskiy (speaker), Sergey Brygin
Saint-Petersburg State University, Russia

We consider mappings acting in the real line or some related spaces, for example, the space of all compact subsets of the line. We discuss different kinds of unboundedness of orbits of points and sets, the existence of smooth maps with prescribed orbits, relations between dynamical and order properties of functions.

Bibliography

- [1] S.A. Brygin and A.A. Florinskii, *On the dynamics of total expansions of the real line*, Differential Equations **50** (2014), no. 13, 1691–1694 Pleiades Publishing.
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