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CHAOS AMONG SELF-MAPS OF THE CANTOR SPACE

In this we talk discuss some recent results concerning when a generic map on certain type of space is chaotic. We consider two notions of chaos, that of positive topological entropy and that of Devaney. We state the known results and show that the set of self-maps of the Cantor space which have topological entropy infinite is dense in the space of self-maps of the Cantor space. Moreover, we show that a generic self-map of the Cantor space is not Devaney chaotic on any subsystem. These and some furhter results will appear in a forthing coming joint paper with E. D'Aniello.

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