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Casey Lynn Sherman* (caseys@stedwards.edu), 514 Travertine Trail, Buda, TX 78610. *Orbit Structures of Homeomorphisms on Cantor Sets.*

If X is a Cantor set and $T : X \rightarrow X$ is a homeomorphism, what possible orbit structures can T have? The question is answered in terms of the orbit spectrum of T . (Received September 17, 2013)