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**Generalized Denjoy-Sacksteder theorem**

We extend the one dimensional Denjoy-Sacksteder theorems to some diffeomorphism groups of smooth compact closed  $n$ -dimensional manifolds. More precisely, we show the existence of a non trivial stabilizer for actions of “quasi-conformal groups” admitting an “exceptional” minimal set which is of “strongly decreasing type”; our results include the classical Denjoy-Sacksteder theorems. The talk is based on joint work with Gilbert Hector.