

A diffeomorphism with global dominated splitting can not be minimal

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Let M be a closed manifold and f be a diffeomorphism on M . We show that if f has a nontrivial dominated splitting $TM = E \oplus F$, then f can not be minimal. The proof mainly use Mane's argument and Liao's selecting lemma.

Comments: 5 pages. An application of Liao's selecting lemma

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