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Minimal Diffeomorphisms cannot satisfy Generalized Dominated **Splitting**

Xueting Tian

(Submitted on 19 Jun 2011)

We introduce a new notion called generalized dominated splitting which is weaker than classical dominated splitting. We use this notion to generalize a result of Zhang\cite{Zh}: every diffeomorphism with nontrivial global generalized dominated splitting can not be minimal.

Comments: 9pages, 1 figures

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MSC classes: 37D30, 37C40, 37B20 Cite as: arXiv:1106.3737 [math.DS]

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