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Isomorphisms and automorphisms of smooth manifolds

- isomorphisms
 - homotopy equivalence
 - homeomorphism
 - diffeomorphisms
 - bordism
- "automorphisms"
 - active
 - diffeomorphisms $\text{Diff}(M)$
 - local diffeomorphisms $\text{LDiff}(M)$
 - passive
 - local coordinate transformations
 - $GL(n)$ valued sections (how to define the bundle, is it just like transition functions?) $\leftrightarrow$ transitions of the frame bundle
 - some of them correspond to local coordinate transformations

Current note has 0 direct children and 0 total descendants.

- [structures based on sets](#)
 - [manifolds](#)
 - [smooth \$\mathbb{R}\$ -manifold](#)
 - [Isomorphisms and automorphisms of smooth manifolds](#)

And it has 19 siblings.

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 - [Borel measures on a smooth manifold](#)
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