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- A. Homomorphisms between MCG & braid groups
- B. Virtual property of MCG
- C. Homomorphisms between $\text{Homeo}(M)$
- D. Group action on manifolds



Key Words

Mapping class groups

$\text{Homeo}(M)$, $\text{Diff}(M)$

Nielsen Realization Problem

Nielsen-Thurston Classification

Automatic Continuity

Homology manifolds

Surface bundles over surfaces

Group action on manifolds

3-manifolds

4-manifolds

Fixed-point theory

Surface dynamics

“Adding points”

Virtual property of groups