

**Ismagilov, R. S.**

**Imbedding of a measure-preserving diffeomorphism group into a semidirect product and its unitary representations.** (Russian) Zbl 0443.58012

Mat. Sb., N. Ser. 113(155), 81-97 (1980).

For a scan of this review see the [web version](#).

**MSC:**

- [58D05](#) Groups of diffeomorphisms and homeomorphisms as manifolds
- [57R50](#) Differential topological aspects of diffeomorphisms
- [22E65](#) Infinite-dimensional Lie groups and their Lie algebras: general properties
- [22E45](#) Representations of Lie and linear algebraic groups over real fields: analytic methods
- [28D15](#) General groups of measure-preserving transformations

Cited in <b>2</b> Reviews Cited in <b>1</b> Document
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**Keywords:**

representations of groups of diffeomorphisms; identity component of the group of all diffeomorphisms of a compact  $n$ -dimensional manifold which preserve a nowhere zero  $n$ -form; semi-direct product; group of all measurable transformations

**Full Text:** [EuDML](#)