

Hamilton, Richard S.

The inverse function theorem of Nash and Moser. (English) Zbl 0499.58003
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MSC:

- 58C15 Implicit function theorems; global Newton methods on manifolds
- 58C20 Differentiation theory (Gateaux, Fréchet, etc.) on manifolds
- 46E15 Banach spaces of continuous, differentiable or analytic functions
- 22E65 Infinite-dimensional Lie groups and their Lie algebras: general properties
- 26E15 Calculus of functions on infinite-dimensional spaces
- 53C21 Methods of global Riemannian geometry, including PDE methods; curvature restrictions

Cited in **18** Reviews
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Keywords:

Nash-Moser-inverse-function-theorem; omega-lemma; inverse function theorem on Banach spaces; Frechet-Lie-groups; tame Frechet spaces; graded Frechet spaces; Fourier development; Garding's inequality

Full Text: [DOI](#)

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