

Hess, H.; Schrader, R.; Uhlenbrock, D. A.

Kato's inequality and the spectral distribution of Laplacians on compact Riemannian manifolds. (English) Zbl 0442.58032

J. Differ. Geom. 15, 27-37 (1980).

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

MSC:

58J60 Relations of PDEs with special manifold structures (Riemannian, Finsler, etc.)

Cited in **32** Documents

58J50 Spectral problems; spectral geometry; scattering theory on manifolds

47B25 Linear symmetric and selfadjoint operators (unbounded)

47D03 Groups and semigroups of linear operators

Keywords:

Dirac operator; Kato's inequality; essential self-adjointness; Weitzenböck's formula; Laplace-de Rham type operators; spinor type Laplacians; Hermitian vectorbundle over compact Riemannian manifold; comparison of Bochner Laplacian operator on sections to Laplace Beltrami operator on base manifold

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