

[Cheeger, Jeff](#); [Gromov, Mikhail](#); [Taylor, Michael](#)

**Finite propagation speed, kernel estimates for functions of the Laplace operator, and the geometry of complete Riemannian manifolds.** (English) [Zbl 0493.53035](#)

*J. Differ. Geom.* 17, 15-53 (1982).

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

**MSC:**

**53C21** Methods of global Riemannian geometry, including PDE methods; curvature restrictions

**53C20** Global Riemannian geometry, including pinching

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

Cited in **11** Reviews  
Cited in **285** Documents

**Keywords:**

Laplacian; bounded geometry; relative volume estimates; kernel estimates; sectional curvature; injectivity radius

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