

Zhang, Qi S.; Zhao, Z.

Estimates of global bounds for some Schrödinger heat kernels on manifolds. (English)

Zbl 0985.35016

Ill. J. Math. 44, No. 3, 556-573 (2000).

The authors study global bounds on heat kernels on manifolds. In particular, the question of whether Gaussian bounds exist is discussed in some detail.

Reviewer: [Christian Remling \(Osnabrück\)](#)

MSC:

[35J10](#) Schrödinger operator, Schrödinger equation

[35K10](#) Second-order parabolic equations

[58J35](#) Heat and other parabolic equation methods for PDEs on manifolds

Cited in **1** Review
Cited in **3** Documents

Keywords:

[Gaussian bounds](#)