

Kuptsov, L. P.

The mean property and the maximum principle for parabolic equations of second order.
(English. Russian original) [Zbl 0436.35040](#)

Sov. Math., Dokl. 19, 1140-1144 (1978); translation from *Dokl. Akad. Nauk SSSR* 242, 529-532 (1978).

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

MSC:

35K10 Second-order parabolic equations

35B50 Maximum principles in context of PDEs

31B10 Integral representations, integral operators, integral equations methods
in higher dimensions

35K65 Degenerate parabolic equations

Cited in **3** Reviews
Cited in **6** Documents

Keywords:

maximum principle; parabolic equations; fundamental solution; integral formula for the solution; weighted mean value formula