

Lezhnev, A. V.

Bounds of Green's function and solutions of a second mixed problem for a parabolic equation. (English. Russian original) [Zbl 0688.35009](#)

Differ. Equations 25, No. 4, 478-486 (1989); translation from *Differ. Uravn.* 25, No. 4, 692-703 (1989).

In the paper estimates for Green's function and for solutions to the second mixed problem for linear uniform parabolic second order equation are established in a spatially unbounded cylindrical domain.

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MSC:

[35B45](#) A priori estimates in context of PDEs

[35A08](#) Fundamental solutions to PDEs

[35K20](#) Initial-boundary value problems for second-order parabolic equations

Cited in **1** Review

Keywords:

unbounded domain; Green's function