

Petkov, Vesselin M.

Diffusion phase for some restricted perturbations. (Phase de diffusion pour des perturbations captives.) (French) [Zbl 0718.35007](#)

Journ. Équ. Dériv. Partielles, St.-Jean-De-Monts 1990, No. 5, 10 p. (1990).

This brief note studies the diffusive behaviour of certain perturbations of the diffusion equation in R^n , with $n \geq 3$. A general theorem is proved and a connection established with the Schrödinger operator.

Reviewer: [A.Jeffrey](#) ([Newcastle upon Tyne](#))

MSC:

[35B20](#) Perturbations in context of PDEs

[35K57](#) Reaction-diffusion equations

Cited in **1** Document

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