

**Vol'pert, V. A.**

**Asymptotic behavior of solutions of a nonlinear diffusion equation with a source term of general form.** (English. Russian original) [Zbl 0702.35135](#)

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The initial-value problem for a nonlinear partial differential equation with diffusion and with a source of sufficient general form is studied. The conditions of going out to a wave are analyzed. The concepts of minimal system is defined and convergence to this minimal system is discussed, too.

Reviewer: [M.Gronychova](#)

**MSC:**

[35K57](#) Reaction-diffusion equations

[35B40](#) Asymptotic behavior of solutions to PDEs

Cited in **9** Documents

**Keywords:**

[initial-value problem](#); [minimal system](#)

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