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Application of hereditary symmetries to nonlinear evolution equations. (English)

Zbl 0419.35049

Nonlinear Anal., Theory Methods Appl. 3, 849-862 (1979).

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MSC:

- 35G10 Initial value problems for linear higher-order PDEs
- 35K25 Higher-order parabolic equations
- 35R99 Miscellaneous topics in partial differential equations
- 35Q99 Partial differential equations of mathematical physics and other areas of application

Cited in **2** Reviews
Cited in **97** Documents

Keywords:

solitons; nonlinear evolution equations; strong symmetry; infinitesimal generators; conservation laws; completely integrable Hamiltonian systems; hereditary symmetry

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