

Fan, Engui

An algebraic method for finding a series of exact solutions to integrable and nonintegrable nonlinear evolution equations. (English) [Zbl 1167.35324](#)

J. Phys. A, Math. Gen. 36, No. 25, 7009-7026 (2003).

MSC:

[35C05](#) Solutions to PDEs in closed form

[35G20](#) Nonlinear higher-order PDEs

[35Q53](#) KdV equations (Korteweg-de Vries equations)

[35Q58](#) Other completely integrable PDE (MSC2000)

[37K10](#) Completely integrable infinite-dimensional Hamiltonian and Lagrangian systems, integration methods, integrability tests, integrable hierarchies (KdV, KP, Toda, etc.)

Cited in **1** Review
Cited in **54** Documents

Software:

[MACSYMA](#)

Full Text: [DOI](#)