

Adomian, G.

Solving the nonlinear equations of physics. (English) Zbl 0666.60061
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Application of the decomposition method and of the asymptotic decomposition method are considered for solution of nonlinear and/or stochastic partial differential equations in space and time. Examples are given to show the potential for solving systems of equations even with strongly coupled boundary conditions.

MSC:

60H99 Stochastic analysis

Cited in **33** Documents

Keywords:

decomposition method; asymptotic decomposition method; strongly coupled boundary conditions

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