Abstract

In this paper we applied the tanh method for analytic study of the nonlinear equations of partial differential equations (PDEs). The proposed method gives more general exact traveling wave solutions without much extra effort. Three applications from literature of nonlinear equation of PDEs were solved by the method. The calculations demonstrate the effectiveness and convenience of the method for nonlinear sub system of PDEs.

References

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**Index Terms**

Computer Science

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**Keywords**

Tanh method  Hirota equations  exact solutions.