

# Extended tanh-Function Method for Finding Travelling Wave Solutions of Some Nonlinear Partial Differential Equations

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In this paper, we find travelling wave solutions of some nonlinear partial differential equations (PDEs) by using the extended tanh-function method. Some illustrative equations are investigated by this method and new travelling wave solutions are found. In addition, the properties of these nonlinear PDEs are shown with some figures.

*Key words:* tanh-Function Method; Nonlinear PDEs; Travelling Wave Solution;  
Symbolic Computation.