

# Modified trial equation method for nonlinear differential equations

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## Abstract

In this research, we defined a new approach with respect to the trial equation method. This method is applied for constructing the soliton solutions, rational function solutions and elliptic function solutions. Also, we conclude that the modified trial equation method can be extended to solve other physical problems in nonlinear science.

**Keywords:** Modified trial equation method, Soliton solutions, Elliptic function solutions.

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