The Exp-Function Method and n-Soliton Solutions

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We generalize the exp-function method recently proposed by He and Wu [Chaos, Solitons and Fractals **30**, 700 (2006)]. We apply this generalized method to the Korteweg-de Vries equation and derive the known 2-soliton and 3-soliton solutions. We also discuss the efficiency, as well as the drawbacks of the proposed method.

Key words: Exp-Function Method; n-Solitons.