

Two New Applications of the Modified Extended Tanh-Function Method

S. A. Elwakil, S. K. El-labany^a, M. A. Zahran, and R. Sabry^a

Theoretical Physics Group, Physics Department, Faculty of Science, Mansoura University,
Mansoura, Egypt

^a Theoretical Physics Group, Physics Department, Faculty of Science, Mansoura University,
New Damietta 34517, Damietta, Egypt

Reprint requests to Dr. M. A. Z.; E-mail: m_zahran1@mans.edu.eg

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Based on a modified extended tanh-function method and symbolic computation, new exact solutions are found for a soliton breaking equation and coupled kdv system. The obtained solutions include rational, soliton, singular and periodical solutions.

Key words: Nonlinear Evolution Equation; Traveling Wave Solution; Symbolic Computation.