

Generalization of He's Exp-Function Method and New Exact Solutions for Burgers Equation

Abd El-Halim Ebaid

Department of Mathematics, Faculty of Science, Tabuk University, P.O. Box 4279, Tabuk 71491, Saudi Arabia

Reprint requests to A. E.-H.; E-mail: halimgamil@yahoo.com

Z. Naturforsch. **64a**, 604 – 608 (2009); received September 8, 2008 / revised December 24, 2008

A generalization of He's Exp-function method for nonlinear equations is introduced in this research. New exact solutions are obtained for Burgers equation.

Key words: Exp-Function Method; Soliton; Burgers Equation; Nonlinear Equations.