SPECIAL EXP_FUNCTION METHOD FORTRAVELLING WAVE SOLUTIONS OF BURGERS EQUATION

Luba Tsamalashvili Iv. Javakhishvili Tbilisi State University, I.Vekua Institute of Applied Mathematics Tbilisi, Georgia, tamaz_kaladze@yahoo.com.com

Using the special exp-function method travelling wave exact solutions of 2D nonlinear Burgers' equation are obtained. It is shown that such solutions have spatially isolated structural (soliton-like) forms.