Zedan, H.A.[a] , Monaquel, S.J.[b]
The sine-cosine method for the davey-stewartson equations

[a] Department of Mathematics, Faculty of Science, King Abdul Aziz University, P. O. Box 80203, Jeddah 21589, Saudi Arabia
[b] Department of Mathematics, Faculty of Science, Kafr el-SheikhUniversity, Kafr, El-Sheikh, Egypt

Abstract
In this paper, we establish exact solutions for nonlinear Davey-Stewartson equations. The sine-cosine method is used to construct periodic and solitary wave solutions.

Document Type: Article