

1125-VC-40

**Alrazi M Abdeljabbar\*** (aabdeljabbar@pi.ac.ae), P.O Box 2533, The Petroleum Institute, Abu Dhabi, United Arab Emirates. *Exact solutions to a generalized (3+1)-dimensional nonlinear partial differential equations.*

Based on Hirota bilinearization method, the Pfaffian technique is employed to construct an explicit exact solutions to 3+1- dimensional nonlinear partial differential equations of KP type and Jimbo-Miwa type. New coupled system will be introduced using a procedure called Pfaffianization. (Received June 15, 2016)