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Alrazi Abdeljabbar* (alrazi.abdeljabbar@ku.ac.ae), P.O box 2533, Abu Dhabi, United Arab Emirates, Abu Dhabi, United Arab Emirates. *Exact solutions of nonlinear partial differential equations.*

It is significantly important to search for exact soliton solutions to nonlinear partial differential equations (PDEs) of mathematical physics. Transforming nonlinear PDEs into bilinear forms using Hirota differential operators enables us to apply the Wronskian and Pfaffian techniques to search for exact solutions for a (3+1)-dimensional generalized evolution equations. In our presentation we are going to use this technique to develop new solutions to a new generalized systems. (Received September 24, 2018)