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List of Publications

1. Title: *Darboux transformation and exact multisolitons of CP^N nonlinear sigma model*
Authors: **U. Saleem** and M. Hassan
Journal: Journal of Mathematical Analysis and Applications Simulation **447** (2017) 1080-1101
2. Title: *Quasideterminant solutions of nonlinear Schrödinger equations based on Hermitian symmetric spaces*
Authors: **U. Saleem** and M. Hassan
Journal: Communications in Nonlinear Science and Numerical Simulation **23** (2015) 343-365
3. Title: *Conserved quantities in the generalized Heisenberg magnet (GHM) model*
Authors: N. Mushahid, M. Hassan and **U. Saleem**
Journal: Modern Physics Letters A **28** (2013) 1350020 (8 pages)
4. Title: *Darboux Transformation and Multisoliton Solutions of the Short Pulse Equation*
Authors: **U. Saleem** and M. Hassan
Journal: Journal of the Physical Society of Japan **81** (2012) 094008
5. Title: *Binary Darboux transformation and quasideterminant solutions of the chiral field*
Authors: B. Haider, M. Hassan and **U. Saleem**
Journal: Journal of Nonlinear Mathematical Physics **18** (2011) 299-321
6. Title: *Darboux transformation and multi-soliton solutions of Two-Boson hierarchy*
Authors: Ashok Das and **U. Saleem**
Journal: Modern Physics Letters A **26** (2011) 625-636
7. Title: *Darboux transformation and multi-soliton solutions of principal chiral and WZW models*
Authors: **U. Saleem** and M. Hassan
Journal: Modern Physics Letters A **26**, 73-85 (13pp) (2011)
8. Title: *Quasideterminant solutions of the generalized Heisenberg magnet model*
Authors: **U. Saleem** and M. Hassan
Journal: Journal of Physics A **43**, 045204 (12pp) (2010)
9. Title: *Darboux transformation and multi-soliton solution of a noncommutative sine-Gordon system*

Authors: M. Siddiq, **U. Saleem** and M. Hassan
Journal: Modern Physics Letters A **23**, 115-127 (2008)

10. Title: *Non-local continuity equations and binary Darboux transformation of noncommutative (anti) self-dual Yang-Mills equations*
Authors: **U. Saleem**, M. Hassan and M. Siddiq
Journal: Journal of Physics A **40**, 5205-5217 (2007)
11. Title: *Lax pair and Darboux transformation of noncommutative $U(n)$ principal chiral model*
Authors: **U. Saleem** and M. Hassan
Journal: Journal of Physics A **39** (2006) 11683-11696 [arXiv:hep-th/0609127]
12. Title: *On Darboux transformation of the supersymmetric sine-Gordon equation*
Authors: M. Siddiq, M. Hassan and **U. Saleem**
Journal: Journal of Physics A **39** (2006) 7313-7318 [arXiv:hep-th/0605094]
13. Title: *Superfield Lax formalism of supersymmetric sigma model on symmetric spaces*
Authors: **U. Saleem** and M. Hassan
Journal: The European Physical Journal C **46** (2006) 797-805 [arXiv:hep-th/0605091]
14. Title: *On non commutative sinh-Gordon equation*
Authors: **U. Saleem**, M. Siddiq and M. Hassan
Journal: Chinese Physics Letters **22** (2005) 1076-1078 [arXiv:hep-th/0605093]
15. Title: *Conserved quantities in noncommutative principal chiral model with Wess-Zumino term*
Authors: **U. Saleem**, M. Hassan and M. Siddiq
Journal: Journal of Physics A **38** (2005) 9241-9250 [arXiv:hep-th/0605092]
16. Title: *Zero-curvature formalism of supersymmetric principal chiral model*
Authors: **U. Saleem** and M. Hassan
Journal: The European Physical Journal C **38** (2005) 521-526 [arXiv:hep-th/0501124]