

Publications of *Anjan Kundu* in 2007

I. *Papers Submitted/accepted/published*

- [1] Anjan Kundu, arXiv:0711.0878 (Sub J Phys A (fast track pub))
Nonlinearizing linear equations to integrable systems including new hierarchies with source terms
- [2] Ismagil Habibullin and Anjan Kundu, Nucl. Phys B (2007)
(in press: doi:10.1016/j.nuclphysb.2007.11.022)
Quantum and classical integrable sine-Gordon model with defect
- [3] Anjan Kundu, Phys Rev Lett. 99. 154101 (2007)
Shape changing and accelerating solitons in integrable variable mass sine-Gordon model
(URL: <http://link.aps.org/abstract/PRL/v99/e154101>)
- [4] Anjan Kundu, SIGMA 3 (2007), 040, 14 pages(Vadim Kuznetsov memorial volume)
q-boson in quantum integrable systems
- [5] Anjan Kundu, Theor. Math. Phys. 151 (3), 832-843 (June, 2007) (nlin.SI/0609001)
Yang-Baxter algebra and generation of quantum integrable models

I. *Book published*

- 1. Anjan Kundu (Editor) *Tsunami and Nonlinear waves* (Springer, Geo-Sc, Heidelberg, 2007)