


PUBLICATIONS IN REFEREED JOURNALS:


56. Yu.V. Bludov, V.V. Konotop and N. Akhmediev, "Rogue waves as spatial energy concentrators in arrays of nonlinear waveguides", Optics Letters, 34, No 19, 3015-3017 (2009).


===== 2008 =====


190. Akhmediev N. N., Buryak A. V., Soliton states and bifurcations in periodically twisted

191. Buryak A. V., Akhmediev N. N., Internal friction between solitons in near-integrable

192. Akhmediev N.N., Buryak A.V., Soto-Crespo J. M., Elliptically polarized solitons in


194. Akhmediev N. N., Buryak A.V., Karlsson M., "Optical solitons with oscillating tails”,
Optics Commun. 110, No 5-6, 540-543 (1994).

195. Buryak A. V., Akhmediev N.N., 'Influence of radiation on soliton dynamics in nonlinear

196. Akhmediev N. N., Soto-Crespo J.M., 'Dynamics of soliton-like pulse propagation in

197. Akhmediev N. N., Soto-Crespo J.M., 'Propagation dynamics of ultra-short pulses in

198. Akhmediev N. N.,, A. Ankiewicz, Generation of a train of solitons with arbitrary phase
difference between neighboring solitons, Optics Letters 19, No 8, 545-547 (1994).

199. Akhmediev N.N., A.V.Buryak, 'Soliton states and bifurcation phenomena in three-core
nonlinear fiber couplers', Journal of Optical Society of America B 11, No 5, p.804-809
(1994).

200. Akhmediev N.N., Town G., Wabnitz S. Soliton coding based on shape invariant interacting


202. Akhmediev N.N., Soto-Crespo J.M., Generation of a Train of Three-Dimensional Optical

203. Akhmediev N.N., Ankiewicz A., First-order exact solutions of the nonlinear Schrödinger

204. Akhmediev N.N., Ankiewicz A., Tran H.T., Stability analysis of even and odd waves of

205. Akhmediev N.N., Ankiewicz A., Spatial Soliton X-Junctions and Couplers, Optics Com-
munications 100 186-192 (1993).


RECENT CONFERENCE PAPERS


387. Akhmediev N.N., Buryak A.V., Karlsson M., Solitons with oscillating tails - can they be used as information carriers in optical communication lines?, Nonlinear guided waves and their applications Technical digest series, V.6, NSAB9-1/210-212, Dana Point, February 23-25, 1995, USA.


