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MSC:

35Q55 NLS equations (nonlinear Schrödinger equations)

35Q51 Soliton equations

82D40 Statistical mechanical studies of magnetic materials

35A24 Methods of ordinary differential equations applied to PDEs

35C08 Soliton solutions

35-04 Software, source code, etc. for problems pertaining to partial differential equations

Cited in **2** Documents

Keywords:

nonlinear Schrödinger equation; plasma; Ablowitz-Kaup-Newell-Segur system; soliton solutions

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