Publications


10. Jenkins, R., “Semiclassical asymptotics of the focusing nonlinear Schrödinger equation for square barrier initial data”, (Thesis)

In preparation:

11. Jenkins, R., Tovbis, A., “Generation of multiphase waves from a barrier potential in the semiclassical limit of the focusing nonlinear Schrödinger equation”.

12. Buckingham, R., Jenkins, R., Miller, P., “Semiclassical soliton ensembles for the three wave resonant interaction equations: asymptotic behavior for small time”.

13. Buckingham, R., Jenkins, R., Miller, P., “Semiclassical soliton ensembles of the nonlinear Schrödinger equation approximating compactly supported initial data”.

14. Jenkins, R., McLaughlin, K., Pounder, K., “The inverse spectral problem for Jacobi matrices and applications to the finite Toda lattice”.