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A Simple Method to Obtain Exact Soliton Solutions for a Nonlinear Equation in a Loss Fibre System

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Abstract: We show that the nonlinear equation governing wave propagation in a loss fibre system considered by Nakkeeran in J. Phys. A 34 (2001) 5111 can be brought into the standard nonlinear Schrödinger equation by a simple transformation.

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