

The Construction of Exact Solutions for the Nonlinear Lattice Equation via Coth and CsCh Functions Method

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Abstract : The method developed in this work uses a generalised coth and csch functions method to construct new exact travelling solutions to the nonlinear lattice equation. The technique of the homogeneous balance method is used to handle the appropriated solutions.

Keywords : coth functions, csch functions, nonlinear partial differential equation, travelling wave solutions

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