



**THE ENVELOPE TRAVELING WAVE SOLUTIONS TO A
NONLINEAR SCHRÖDING-TYPE EQUATION**

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Abstract

A nonlinear Schrödinger-type equation is considered to study its envelope traveling wave solutions. By the complete discrimination system method and a direction integral method, we obtain its envelope traveling wave solutions to the Schrödinger-type equation.

Keywords and phrases: envelope traveling wave solutions, complete discrimination system method, nonlinear Schrödinger-type equation.

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