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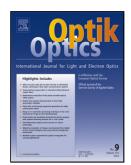
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DISPERSIVE OPTICAL SOLITONS WITH DWDM TECHNOLOGY BY EXTENDED TRIAL EQUATION SCHEME

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Abstract

This paper applied extended trial equation algorithm to obtain dispersive optical solitons in DWDM system that is governed by the Schrödinger-Hirota equation with Kerr law nonlinearity. Bright and singular soliton solutions are reported.

Keywords: solitons; dispersion; DWDM system.

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