Accepted Manuscript

Modulational instability and higher order-rogue wave solutions for the generalized discrete Hirota equation

Xiao-Yong Wen, Deng-Shan Wang

PII: S0165-2125(18)30096-9

DOI: https://doi.org/10.1016/j.wavemoti.2018.03.004

Reference: WAMOT 2238

To appear in: Wave Motion

Received date: 20 October 2017 Revised date: 6 February 2018 Accepted date: 13 March 2018



Please cite this article as: X. Wen, D. Wang, Modulational instability and higher order-rogue wave solutions for the generalized discrete Hirota equation, *Wave Motion* (2018), https://doi.org/10.1016/j.wavemoti.2018.03.004

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Highlights

- 1. The perturbation (n,N-n)-fold Darboux transformation is proposed.
- 2. Higher-order discrete rogue waves are obtained.
- 3. Modulational instability discrete rogue waves is investigated numerically.

Download English Version:

https://daneshyari.com/en/article/8256766

Download Persian Version:

https://daneshyari.com/article/8256766

Daneshyari.com