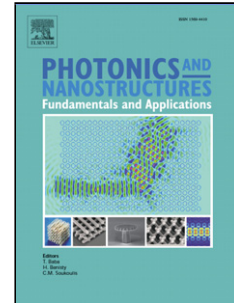


Accepted Manuscript

Title: Photonic crystal based 1-bit full-adder optical circuit by using ring resonators in a nonlinear structure

Authors: Hamed Alipour-Banaei, Hamed Seif-Dargahi



PII: S1569-4410(17)30069-X
DOI: <http://dx.doi.org/doi:10.1016/j.photonics.2017.03.001>
Reference: PNFA 576

To appear in: *Photonics and Nanostructures – Fundamentals and Applications*

Received date: 19-7-2016
Revised date: 26-12-2016
Accepted date: 2-3-2017

Please cite this article as: Hamed Alipour-Banaei, Hamed Seif-Dargahi, Photonic crystal based 1-bit full-adder optical circuit by using ring resonators in a nonlinear structure, *Photonics and Nanostructures - Fundamentals and Applications* <http://dx.doi.org/10.1016/j.photonics.2017.03.001>

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.

Photonic crystal based 1-bit full-adder optical circuit by using ring resonators in a nonlinear structure

Hamed Alipour-Banaei^{1,*}, Hamed Seif-Dargahi²

¹Department of Electronics, Tabriz Branch, Islamic Azad University, Tabriz, Iran

²Young Researchers and Elite Club, Urmia Branch, Islamic Azad University, Urmia, Iran

*Corresponding Author Email: alipour@iaut.ac.ir

Download English Version:

<https://daneshyari.com/en/article/5449934>

Download Persian Version:

<https://daneshyari.com/article/5449934>

[Daneshyari.com](https://daneshyari.com)