

CURRICULUM VITAE



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16. Published Papers in Journals:

1. Abdullahi Rashid Adem, Anjan Biswas, Yakup Yildirim, Anwar Jaafar Mohamad Jawad & Ali Saleh Alshomrani. **IMPLICIT QUIESCENT OPTICAL SOLITONS FOR COMPLEX GINZBURG—LANDAU EQUATION WITH GENERALIZED QUADRATIC—CUBIC FORM OF SELF—PHASE MODULATION AND NONLINEAR CHROMATIC DISPERSION BY LIE SYMMETRY** by Ukrainian Journal of Physical Optics. Volume 25, Issue 2, 02042—02047. (2024).
2. Abdullahi Rashid Adem, Anjan Biswas, Yakup Yildirim, Anwar Jaafar Mohamad Jawad & Ali Saleh Alshomrani. **IMPLICIT QUIESCENT OPTICAL SOLITONS WITH GENERALIZED QUADRATIC—CUBIC FORM OF SELF—PHASE MODULATION AND NONLINEAR CHROMATIC DISPERSION BY LIE SYMMETRY** by Ukrainian Journal of Physical Optics. Volume 25, Issue 2, 02016—02020. (2024).
3. Ahmed H. Arnous, Anjan Biswas, Yakup Yildirim, Anwar Ja'afar Mohamad Jawad, Luminita Moraru, Simona Moldovanu, Carmelia Mariana Balanica Dragomir & Ali Saleh Alshomrani. **OPTICAL SOLITONS FOR THE CONCATENATION MODEL WIT DIFFERENTIAL GROUP DELAY HAVING MULTIPLICATIVE WHITE NOISE** by Ukrainian Journal of Physical Optics. Volume 25, Issue 1, 01113—01105. (2024).
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5. Elsayed M. E. Zayed, Mahmoud El—Horbaty, Mohamed E. M. Alngar, Mona El—Shater, Anwar Ja'afar Mohamad Jawad, Anjan Biswas, Yakup Yildirim & Ali Saleh Alshomrani. **DISPERSIVE OPTICAL SOLITONS FOR SCHRODINGER—HIROTA EQUATION WITH FOURTH—ORDER DISPERSION AND MULTIPLICATIVE WHITE NOISE** by Journal of Applied Science and Engineering. Volume 27, Issue 10, 3237—3250. (2024).
6. Anwar Ja'afar Mohamad Jawad, Anjan Biswas, Yakup Yildirim & Ali Saleh Alshomrani. **OPTICAL SOLITONS WITH DIFFERENTIAL GROUP DELAY AND INTER—MODAL DISPERSION SINGLET** by Contemporary Mathematics. Volume 5, Issue 1, 1013—1030. (2024).
7. Abdullahi Rashid Adem, Anjan Biswas, Yakup Yildirim, Anwar Jaafar Mohamad Jawad & Ali Saleh Alshomrani. **QUIESCENT BRIGHT OPTICAL SOLITONS FOR RADHAKRISHNAN—KUNDU—LAKSHMANAN EQUATION WITH NONLINEAR CHROMATIC DISPERSION AND POWER—LAW OF SELF—PHASE MODULATION BY LIE SYMMETRY** by Ukrainian Journal of Physical Optics. (2024)
8. RÉGIS DONALD HONTINFINDE, MARC AMOUR AYELA, GASTON EDAH, ANWAR JA'AFAR MOHAMAD JAWAD, ANJAN BISWAS, YAKUP YILDIRIM, MAGGIE APHANE & ALI SALEH ALSHOMRANI, **CHIRPED COSH—GAUSSIAN OPTICAL PULSES WITH KUDRYASHOV'S FORM OF**

9. AHMED M. ELSHERBENY, AHMED H. ARNOUS, ANJAN BISWAS, YAKUP YILDIRIM, ANWAR JAAFAR MOHAMAD JAWAD & ALI SALEH ALSHOMRANI, QUIESCENT OPTICAL SOLITONS FOR THE COMPLEX GINZBURG–LANDAU EQUATION WITH NONLINEAR CHROMATIC DISPERSION AND KUDRYASHOV’S FORMS OF SELF–PHASE MODULATION by Ukrainian Journal of Physical Optics. (2024)
10. Lu Tang, Yakup Yildirim, Anwar Jaafar Mohamad Jawad, Anjan Biswas & Ali Saleh Alshomrani. BIFURCATION ANALYSIS AND OPTICAL SOLITONS FOR THE DISPERSIVE CONCATENATION MODEL, Ukrainian Journal of Physical Optics. (2024)
11. Anwar Ja'afar Mohamad Jawad, Anjan Biswas, Yakup Yildirim , Ali Saleh Alshomrani HIGHLY DISPERSIVE OPTICAL SOLITONS WITH QUADRATIC-CUBIC NONLINEAR FORM OF SELF-PHASE MODULATION BY SARDAR SUB-EQUATION APPROACH Accepted for publication in Journal of Optics. (2024)
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