

Curriculum Vita



Personal information:

Name: Haider Kadhim Muhammad.

Date of birth: 30-10-1969

Passport No.: A3402899 , Nassirya.

Telephone: +9647800066133

E-mail address: haideralmarzok@yahoo.com

Education level:

1- **B.Sc.** in Physics, with an Average 80.111 (Very Good), College of Education, Al-Mustansiriya University, Iraq, 1990-1991.

2- **M.Sc.** in Acoustic-Optics Physics, (Amplitude and Phase in collinear • Acousto- Optics Interaction), with an Average 85.138 (Very Good), College of Education, Al- Mustansiriya University, Iraq, 2005.

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3- **PhD**, Assist. prof. in Nonlinear Physics, (Accurate Managements to • Analyze Four Wave Mixing in Single Mode Fiber), with an Average (Very Good), College of Education, Al- Mustansiriya University, Iraq, 2014.

Work experience:

1-Lecturer in Secondary School, Thi-Qar -Nassirya, from 1994 to 1998.

2- Lecturer in Physics Dept., College of Science, Thi-Qar University, Iraq, from 2005 to 20015.

3- Lecturer in physics Department, College of Education for Pure Science, Thi-Qar University, from 2015 untill now.

Published Paper:

1: Comparison the Total Cross section of Ionization and Determination Probability for Scattering Positrons to Helium Gas at Energy Range (300-2000ev).

2 : Investigation Phase in Case of Bragg Coupling .

3 : Diffraction Efficiency in Case of Small-Angle for Bragg Diffraction.

4: Four Wave Mixing in Equally Spaced Wavelength Division Multiplexing system.

5: Noise Characteristics in Presence of Four Wave Mixing in Single Mode Fibers.

6: Effects of Different Orders Dispersion and Stimulated Raman Scattering on the Soliton Propagation in Single Mode Fiber.

7: Study the chromatic change of copper oxide CuO Thin-film by using image processing technique.