



CURRICULUM VITAE السيرة الذاتية

PERSONAL DATA معلومات شخصية

Name: Mushtaq Obaid Oleiwi د. مشتاق عبید عليوي

First Middle Last

Date of Birth: 16/10/1980 تاريخ الميلاد **Place of Birth: Thi-Qar/Iraq**
ذي قار/عراق

Marital Status: Marriage متزوج **Number of children: Four** اربعة

Nationality: Iraqi عراقي

Academic Affiliation المرتبة العلمية	استاذ مساعد Ass. Prof.
Current University الجامعة الحالية	Thi-Qar University – IRAQ جامعة ذي قار-عراق
Current Faculty الكلية الحالية	التربية للعلوم الصرفة Education for pure sciences
Current Department القسم الحالي	Physics الفيزياء
General Specialization التخصص العام	Laser Physics فيزياء الليزر
Fine Specialization التخصص الدقيق	Nanotechnology ليزر النانوتكنولوجي والبصريات اللاخطية Laser&Nonlinear optics

Current Address العنوان الحالي

Physics Department قسم الفيزياء

College of Education for pure sciences كلية التربية للعلوم الصرفة

University of Thi-Qar, Thi-Qar, IRAQ جامعة ذي قار-ذي قار-عراق

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ACADEMIC QUALIFICATIONS المؤهلات الأكاديمية

First University Degree: (B.Sc. الدرجة الجامعية الأولى (البكالوريوس))

**Name of Degree: B.Sc. in
Physics بكالوريوس في الفيزياء
كلية العلوم
College: College of Science**

Date awarded: 2004

**جامعة ذي قار-عراق
Name and place of University:
University of Thi-Qar / Iraq**

الدرجة الجامعية (الثانية : الماجستير)

Second University Degree: (MSc)

Date awarded: 2010

of Degree: MSc

قسم الفيزياء

Department: Physics

Name and place of University: University of Basrah / Basrah / Iraq

فيزياء الليزر

Specialization: Laser Physics

Thesis title: Study of a modified model for optically injected

semiconductor lasers

الدرجة الجامعية (الثالثة : الدكتوراة)

Third University Degree: (Ph.D.)

Date awarded: 2014

Name of Degree: Ph.D.

قسم الفيزياء

Department: Physics

Name and place of University: University of Basrah / Basrah / Iraq

فيزياء الليزر

Specialization: Laser Physics

Thesis title: *Linear and Nonlinear Dynamics of InAs/InGaAs Quantum*

Dot Semiconductor Laser.

التدريس في الجامعة UNIVERSITY TEACHING

Courses taught at undergraduate level

Institution	Course Title	Language of Instruction
Faculty of Science Thi-Qar University.	Mathematics (Second stage)	English
Faculty of Science Thi-Qar University.	Mathematical Physics (Third stage)	English
Faculty of Science Thi-Qar University.	Laser physics (Third stage)	Arabic
Faculty of Education for pure sciences	Mathematics (First stage)	English
Faculty of Education for pure sciences	Optics (Second stage)	English
University of Al-Ayen College of Dentistry	Medical physics (First stage)	English
Faculty of Education for pure sciences	Laser Physics (Fourth stage)	Arabic

SCIENTIFIC RESEARCH

A- Publications by M.O. Oleiwi:

1-M.O.Oleiwi and C.A.Emshary ,**Dynamical behavior of quantum-dot laser**, J.Thi-Qar Science ,Acc. Publication,2013.

2-M.O.Oleiwi and C.A.Emshary ,**Dynamics and their effects on quantum-dot laser** , J.Thi-Qar Science ,Acc. Publication,2013.

3-M.O.Oleiwi and C.A.Emshary , **Direct current modulation effects on the photons density in InAs/InGaAs quantum dot semiconductor laser**, *Journal of Basrah Researches ((Sciences))* Vol.(39). No.(4) .A (2013)

4-M.O.Oleiwi and C.A.Emshary , **The dynamical characteristics of InAs/ InGaAs Quantum dot semiconductor laser under optical feedback**, *Journal of Basrah Researches ((Sciences))* Vol.(40). No.(1) A (2014).

5-M.O.Oleiwi and C.A.Emshary ,**Dynamical effects of optical feedback on InAs/ InGaAs Quantum dot semiconductor laser**, *Journal of Basrah Researches ((Sciences))* Vol. (41). No. (1) A (2015).

6-M.O.Oleiwi and C.A.Emshary ,**InAs/InGaAs quantum dot semiconductor laser under the compound effect of optical feedback and direct current modulation**, *Journal of Basrah Researches ((Sciences))* Vol.(40), No.(2) A (2014).

7-M.O.Olewi and C.A.Emshary, *Dynamic instabilities in the output of InAs/InGaAs quantum dot semiconductor laser as a result of noise*, *Journal of Basrah Researches ((Sciences))* Vol.(40), No.(3) A (2014)

Density functional theory investigations for the electronic and vibrational properties of donor-acceptor system
 M KHUODHAIR, FN AJEEL, MO OLEIWI *Journal of Applied Physical Science International* 6 (4), 202-209
 6 2016

- [Dynamical behavior of quantum-dot laser](#) 2 2014
 MO Olewi
 University of Thi-Qar *Journal of Science* 4 (4), 20-27
- [Dynamics and their effects on quantum-dot laser](#) 1 2014
 MO Olewi, CA Emshary
JOURNAL OF THI-QAR SCIENCE 5 (1), 54-58
- [Dynamics of photonic crystal quantum dot lasers](#) 2019
 MO Olewi, SD Sarsooh, MA Abdulmahdi
Journal of Education for Pure Science-University of Thi-Qar 9 (1), 92-101
- [Modulation Dynamics For QD Laser On Photonic Crystal](#) 2018
 MA Abdulmahdi, SD Sarsooh, MO Olewi
Journal of College of Education for Pure Science 8 (3), 172-188
- [Dynamics of mutually coupled semiconductor lasers](#) 2017
 MO Olewi, HA Sultan, DH Hashim, AM Chekheim, CA Emshary
Journal of College of Education for Pure Science 7 (2), 214-231
- [Scrutiny of the dynamics of quantum dot semiconductor lasers](#) 2017
 MO Olewi, AM Chekheim, HA Sultan, CA Emshary
University of Thi-Qar Journal 12 (2), 8-22
- [Dynamical effects of optical feedback on InAs/InGaAs Quantum dot semiconductor laser.](#) 2015
 MO Olewi, CA Emshary
Basrah Journal of Agricultural Sciences 41 (1)
- [Dynamic instabilities in the output of InAs/InGaAs quantum dot semiconductor laser as a result of noise.](#) 2014
 MO Olewi, CA Emshary
Basrah Journal of Agricultural Sciences 40 (3)
- [The dynamical characteristics of InAs/InGaAs Quantum dot semiconductor laser under optical feedback](#) 2014
 MO Olewi, CA Emshary
Journal of Basrah Researches (Sciences) 40 (1A), 62-75
- [InAs/InGaAs quantum dot semiconductor laser under the compound effect of optical feedback and direct current modulation](#) 2014
 MO Olewi, CA Emshary
Journal of Basrah Researches (Sciences) 40 (2A), 118-128
- [Direct current modulation effects on the photons density InAs/InGaAs quantum dot semiconductor laser](#) 2013
 MO Olewi, CA Emshary
Journal of Basrah Researches (Sciences) 39 (4A), 100-119
- [Dynamics Of Photonic Crystal Quantum Dot Lasers](#)
 MA Abdulmahdi, SD Sarsooh, MO Olewi