CURRICULUM VITAE السيرة الذاتية

PERSONAL DATA معلومات شخصية

Name: Mushtaq Obaid Oleiwi د. مشتاق عبيد عليوي

First Middle Last

Date of Birth: 16/10/1980 تأريخ 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

Phone: 0096407807350440 رقم تلفون النقال

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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**

College: College of Science **كلية العلوم**

Date awarded; 2004

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

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

فيزياءالليزر

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

فيزياءالليزر

Specialization: Laser Physics

Thesis title: ***Linear and Nonlinear Dynamics of InAs/InGaAs Quantum Dot Semiconductor Laser*****.**

UNIVERSITY TEACHING التدريس في الجامعة

Courses tought 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 compoundeffect of optical feedback and direct current modulation****, Journal of Basrah Researches ((Sciences)) Vol.(40), No.(2) A … … (2014).*

*7-**M.O.Oleiwi 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 Oleiwi
University of Thi-Qar Journal of Science 4 (4), 20-27

Dynamics and their effects on quantum-dot laser 1 2014
MO Oleiwi, CA Emshary
JOURNAL OF THI-QAR SCIENCE 5 (1), 54-58

Dynamics of photonic crystal quantum dot lasers 2019
MO Oleiwi, 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 Oleiwi
Journal of College of Education for Pure Science 8 (3), 172-188

Dynamics of mutually coupled semiconductor lasers 2017
MO Oleiwi, 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 Oleiwi, 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 Oleiwi, CA Emshary
Basrah Journal of Agricultural Sciences 41 (1)

namic instabilities in the output of InAs/InGaAs quantum dot semiconductor laser as a result of noise. 2014
MO Oleiwi, CA Emshary
Basrah Journal of Agricultural Sciences 40 (3)

e dynamical characteristics of InAs/InGaAs Quantum dot semiconductor laser under optical feedback 2014
MO Oleiwi, CA Emshary
Journal of Basrah Researches (Sciences) 40 (1A), 62-75

As/InGaAs quantum dot semiconductor laser under the compound effect of optical feedback and direct current modulation 2014
MO Oleiwi, CA Emshary
Journal of Basrah Researches (Sciences) 40 (2A), 118-128

rect current modulation effects on the photons density InAs/InGaAs quantum dot semiconductor laser 2013
MO Oleiwi, CA Emshary
Journal of Basrah Researches (Sciences) 39 (4A), 100-119

Dynamics Of Photonic Crystal Quantum Dot Lasers
MA Abdulmahdi, SD Sarsooh, MO Oleiwi