

MOHAMMAD ABDUSALAM DALABEEH

CONTACT INFORMATION

Department of Physics Office —
Faculty of Science
Al-Balqa Applied University *E-mail:* madalabeeh@abu.edu.jo
Salt, Jordan



PERSONAL DATA

Date of birth: *July 5, 1978.*
Place of birth: *Al Kufayer, Jordan.*
Nationality: *Jordanian.*
Sex: *Male*
Marital status: *Single.*

RESEARCH INTERESTS

String theory, Matrix models, Topological field theory, Non commutative quantum mechanics, Perturbation theory.

EDUCATION

University of Jordan, Dec, 2005-June, 2010 Amman, JORDAN

Ph. D. Mathematical Physics, May, 2010.

- Dissertation Topic: “Connection Between The Perturbative Chern-Simons Theory And The Penner Model”
- Advisor: Jamil KHALIFEH, Nouredine CHAIR

Al-albays University, Sep, 2001-Sep, 2004 Mafrq, JORDAN

M.Sc. Noncommutative Quantum Mechanics, Jul, 2004.

- Thesis Title “Stark Effect And Ziemann Effect In The Non-Commutative Spaces”
- Advisor: Nouredine CHAIR

Al-albays University, Dec, 1996- Feb, 2001, Mafrq, JORDAN

B.Sc. Physics, Feb, 2001

- Graduate Project Title “Solution Of Einstein’s Fields Equation In General Relativity”

ACADEMIC EXPERIENCE

University Of Jordan, Teacher Assistance, 2007-2009.

University Of Jordan, Research Assistance, 2009-2010.

Jerash University, Assistance Professor, Oct, 2010 - Sep, 2013.

Al-Balqa Applied University, Lecturer, Sep, 2013 - .

LANGUAGES

ARABIC: Mother tongue
ENGLISH: Fluent
TURKISH: Good Command
ITALIAN: Basic Knowledge

COMPUTER SKILLS

Advanced Knowledge: LINUX, Ubuntu, L^AT_EX
Intermediate Knowledge: A⁺, Microsoft Windows, Excel, Word, PowerPoint
Basic Knowledge: Fortran, VBA

INTERESTS AND ACTIVITIES

Mathematical Methods, Number Theory, Logic
Technology, Open-Source, Programming
Paradoxes in Decision Making, Psychology
Literature, Music, Movies, History
Professional Photography, Swimming, Travelling.

PUBLICATIONS

1. N. CHAIR and Mohammed A Dalabeeh
The noncommutative quadratic Stark effect for the H- atom, *J. Phys.A: 38 (2005)*
2. M. A. Dalabeeh and N. Chair
The symplectic - orthogonal Penner models, *Journal of Physics A: Mathematical and Theoretical. 43 465204 (2010)*.
3. Nouredine Chair and Mohammad Dalabeeh
SO/Sp Chern-Simons Gauge Theories at Large N , *SO/Sp* Penner Models and the Gauge Group Volumes, *Progress of Theoretical Physics, Vol. 127, No. 2, February 2012*.

PAPERS IN
PREPARATION

Two-point resistance and simple random walks on certain circulant graphs.
(submitted)

OTHERS

Practising the following labs

- General physics lab (Mechanics).
- General physics lab (Electricity and Magnetism).
- Virtual lab (Java app, and Macromedia flash).
- Electronics lab.
- Intermediate physics lab (Optics and Thermodynamics).