

CURRICULUM VITAE TEMPLATE



Position/Designation: Associate Professor
 Department: Physical and Mathematical Sciences
 College: Science and Arts
 University of Nizwa, Sultanate of Oman

Personal Information
Name: Hilal Ali Al Hadhrami Marital Status: Married Email Address: hilal@unizwa.edu.om Contact Numbers: 98534016
Academic Qualifications
PhD in physics 2009, University of Bradford, UK MSc in Physics 2002, SQU, Oman BSc in Education physics 1996, SQU, Oman
Teaching Activities, Current/Previous Experience
Ministry of Education, Oman College of Education, Nizwa Oman College of Applied Sciences, Nizwa Oman University of Technology and Applied Sciences, Oman
Research Activities
(includes but not limited to research interests, conference attendance, conference presentations and publications: refereed journal, articles, books, etc.)
Research Interests: Quantum Computing, Quantum Systems Conference Presentations: <ol style="list-style-type: none"> 1- "Quantum Cryptography Protocols with Tri-partite Entanglement", The International Conference on Artificial Intelligence and Pattern Recognition (AIPR2014), Kuala Lumpur, Malaysia, 17-19 November 2014 2- "Quantum Cryptography using entangled multi-partite systems", ICIDT2012, Jeju, South Korea, 26-28 June 2012 3- "Teaching research ethics for graduate students", Symposium of Work Ethics, Nizwa, Oman, 15-16 March 2011 4- International Conference on Quantum Information and Computation, Stockholm, Sweden, 4-8 October 2010 5-LDSD 2002, The fourth international conference for low dimensional semiconductor devices, Fortaleza, Brazil, 8-13 December, 2002 Conference Attendance: Publications:

<p>1- H. Al Hadhrami, Towards an easier understanding of Physics, A series of four books in Arabic, Institution of Arabic studies, Muscat 2022.</p> <p>2- H. Al Hadhrami, Post-measurement state and entropy in finite quantum systems, Int. J. Quantum Inf., 13, 1550043 (2015) DOI: http://dx.doi.org/10.1142/S0219749915500434</p> <p>3- H. Al Hadhrami, Entanglement in multi-partite systems and cryptography, IJACT, V5,1, 369-375 (2013).</p> <p>4- H. Al Hadhrami, Quantum Cryptography using entangled multi-partite systems, IEEEExplore (ICIDT2012), pp. 199-202.</p> <p>5- H. Al Hadhrami and A. Vourdas, Fourth-order interference and the extended phase-space formalism for finite quantum systems, PHYSICAL REVIEW A 80, 022110 (2009)</p> <p>6- L. Wang, H. Al Hadhrami and A. Vourdas, Symplectic transformations and entanglement in multipartite finite systems, Eur. Phys. J. D 49, 265–272 (2008)</p> <p>7- A. Sellai, , H. Al-Hadhrami, S. Al-Harthy and M. Henini, Pspice resonant tunneling diode models and application circuits, International journal of electronics , 92,131,(2005)</p> <p>8- A. Sellai, , H. Al-Hadhrami, S. Al-Harthy and M. Henini, Resonant tunneling diode circuits using Pspice, Microelectronics Journal, 34, 741, (2003).</p>
Faculty Administrative Experience
<p>HoD Scientific Research, CAS Nizwa</p> <p>HoD General Requirements, UTAS Nizwa</p> <p>Assistant Dean for Academic Affairs, CAS Nizwa</p>
Community Services
<p>Member of various local organizations.</p> <p>Conducting many lectures and programs for community.</p>
Consultancy
Membership in Professional Bodies
BoT International College of Engeneering nad Management, Oman
Awards and Recognitions