

MUNEERAH AL NUWAIIRAN

Department of Mathematics and Statistics
King Faisal University
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Kingdom of Saudi Arabia
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SKILLS & ABILITIES

Languages: Arabic (Mother tongue), English.
Computer Skills: Mathematica, Latex.

EXPERIENCE

September 2015- to date Assistant professor, Department of Mathematics, Faculty of Science, King Faisal university.

December 2008-August 2015 Lecturer, Department of Mathematics, Faculty of Science, King Faisal university.

September 1994-November 2008 Teaching Assistant Department of Mathematics, Faculty of Education, King Faisal university.

TEACHING EXPERIENCE: Abstract and linear Algebra, Analysis, Calculus I,II,III, and Differential equations. In both colleges of Science and Engineering.

RESEARCH GROUP: Harmonic Analysis, Representation Theory, Quantum Information Theory.

EDUCATION

- March 2015 PhD of Mathematics, Ottawa, Canada, University of Ottawa.
- June 2004 Master degree of Mathematics, Saudi Arabia, King Faisal university.
- June 1994 Bachelor degree of Mathematics, Saudi Arabia, King Faisal university

SCIENTIFIC MEETINGS AND CONFERENCES

- **Quantum information Theory study group:**
University of Ottawa (January- May 2010).
- **Random Matrix Techniques in Quantum information Theory:**
Perimeter institute for theoretical physics, Waterloo, Canada, July 4-6, 2010.
- **CMS Winter Meeting 2013:** Ottawa, Canada 6-9 December 2013.

SCIENTIFIC RESEARCHES

- M. AL Nuwairan, The extreme points of $SU(2)$ -irreducibly covariant channels, International journal of mathematics. June 2014.
<http://www.worldscientific.com/doi/abs/10.1142/S0129167X14500487>
- M. Al Nuwairan, Potential examples for non-additivity of the minimal output entropy, Preprint, <https://arxiv.org/pdf/1312.2200.pdf>.