

Monyrattanak Seng






Msc in Pure Mathematics

-  August 18, 1990
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-  Cambodian




Areas of Interest

-  Toeplitz Operators on Weighted Bergman Spaces
-  Representations of Compact Groups
-  Representations of Lie Algebras




Teaching Interest

-  Real and Complex Analysis
-  Linear and Abstract Algebra
-  General Topology
-  Functional Analysis
-  Lie Groups, Lie Algebras and Their Representations

Languages

-  Khmer ● ● ● ● ●
-  English ● ● ● ● ●
-  Spanish ● ● ● ● ●

Referee

-  Dr. Raúl Quiroga Barranco
-  Centro de Investigación en Matemáticas (CIMAT)
-  quiroga@cimat.mx

Education

Postgraduate

2017 to Present

PhD Candidate in Pure Mathematics

Centro de Investigación en Matemáticas (CIMAT)
Dissertation: Toeplitz Operators generated by H -invariant symbols on the bounded symmetric domain D_5^{IV}

Adviser: Dr. Raúl Quiroga Barranco

2015 – 2017

MSc in Pure Mathematics

Centro de Investigación en Matemáticas
Thesis: Matrix Lie Groups and Lie Correspondences
Adviser: Dr. Raúl Quiroga Barranco

Bachelor Degree

2008 – 2012

Bsc in Mathematics

Royal University of Phnom Penh (RUPP)
Graduated by Comprehensive Exams

Professional Activities

Working Experience

2004 – 2014

Tutor of Mathematics

Teaching Mathematics for Primary, Secondary and High School Students

Teaching Assistant at CIMAT

Jan to May, 2019

Analysis I: Measure Theory

Professor: Dr. Raúl Quiroga Barranco

Meetings

July, 2019

International Workshop on Operator Theory and its Applications

Lisbon, Portugal

November, 2018

International Workshop: Operator Algebras, Toeplitz Operator and Related Topics

Veracruz, Mexico

October, 2018

National Congress of Mathematic

Tabasco, Mexico

Talks

January, 2018

Mathematics Seminar

Royal University of Phnom Penh
Phnom Penh, Cambodia

Topic: Introduction to Lie Groups and Lie Algebras

Funding

2017-2021

Consejo Nacional de Ciencia y Tecnología (CONACyT)

Grant for PhD program at CIMAT (tuition fee, living salary)

2015-2017

Consejo Nacional de Ciencia y Tecnología (CONACyT)

Grant for MSc program at CIMAT (tuition fee, living salary)

2008-2012

Royal University of Phnom Penh

Grant for BSc program at RUPP (tuition fee)