



## Monyrattanak Seng

What does success mean to you? For me, is to know my true self.

- August 18, 1990
- Guanajuato, Mexico
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- Cambodian

### Areas of Interest

- Toeplitz Operators on Weighted Bergman Spaces
- Representation of Lie Groups and Algebras

### Teaching Interest

- Real and Complex Analysis
- Linear and Abstract Algebras
- Topology and Geometry
- Functional Analysis
- Representation Theory

### Languages

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

### Referees

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

## Education

### Postgraduate

2017 – Present

#### PhD Candidate

Centro de Investigación en Matemáticas (CIMAT)  
 Dissertation: *Toeplitz Operators with Invariant Symbols and Moment Map Symbols on Weighted Bergman Spaces of The Bounded Symmetric Domain of Type IV*  
 Adviser: Prof. Raúl Quiroga Barranco

2015 – 2017

#### MSc in Mathematics

Centro de Investigación en Matemáticas (CIMAT)  
 Thesis: *Matirx Lie Groups and Lie Correspondences*  
 Adviser: Prof. Raúl Quiroga Barranco

### Graduate

2008 – 2012

#### BSc in Mathematics

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

## Publications

## Professional Activities

### Teaching Experiences

2004 – 2014

#### Tutor of Mathematics

Taught Mathematics to Primary, Secondary and High School Students

### Teaching Assistant

Jan to May, 2019

Analysis: Measure Theory

CIMAT

### Recent Talks

June 21, 2021

GSS's Mathematics Seminar Series

RUPP

May 12, 2021

Seminar on Toeplitz Operators

CINVESTAV

January 15, 2018

Mathematics Seminar

RUPP

### Meeting

July, 2019

#### International Workshop on Operator Theory and its Applications (IWOTA)

Instituto Superior Técnico (IST), Lisbon, Portugal

November, 2018

#### International Workshop: Operator Algebras, Toeplitz

Operator and Related Topics

Veracruz, Mexico

October, 2018

#### National Congress of Mathematics

Universidad Juárez Autónoma de Tabasco (UJAT), Tabasco, Mexico