Monyrattanak Seng

"The great success in life is to be the best version of yourself"

- 🎓 August 18, 1990
- 📞 096 789 7007
- 🌐 https://monyrattanak-math.netlify.app/
- @ seng.monyrattanak@rupp.edu.kh
- 🏳 Cambodian

Areas of Interest

- 🔖 Algebras Generated by Toeplitz Operators on Weighted Bergman Spaces
- 🔖 Representation of Lie Groups and Algebras
- 🔖 Moment Maps and Geometry of Manifolds

Teaching Interests

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

Languages

🇰🇭 Khmer	● ● ● ● ●
🇺🇸 English	● ● ● ● ○
🇲🇽 Spanish	● ● ● ● ○

Referees

👤 Mr. Ly Sruoch

🏛 Royal University of Phnom Penh (RUPP)

✈ 012 87 50 57

👤 Prof. Raúl Quiroga Barranco

🏛 Centro de Investigación en Matemáticas (CIMAT)

@ quiroga@cimat.mx

Occupations

Present	**Lecturer of Mathematics** Royal University of Phnom Penh (RUPP)

Education

Postgraduate

2017-2022	**PhD in Pure Mathematics** Centro de Investigación en Matemáticas (CIMAT) Dissertation: *Toeplitz Operators with Invariant Symbols and Moment Map Symbols on Bergman Spaces of The Bounded Symmetric Domain of Type IV* Advisor: Prof. Raúl Quiroga Barranco
2015 – 2017	**MSc in Mathematics** Centro de Investigación en Matemáticas (CIMAT) Thesis: *Matrix Lie Groups and Lie Correspondences* Advisor: Prof. Raúl Quiroga Barranco

Graduate

2008 – 2012	**BSc in Mathematics** Royal University of Phnom Penh (RUPP) Graduated by Comprehensive Exams

Professional Activities

2020- Present	**Funder of M.A.C** I am a funder of Mathematical Association of Cambodia created in order to develop mathematical education in Cambodia.

Teaching Experience

2019	**Teaching Assistance** Analysis: Measure Theory	CIMAT
2004 – 2014	**Independent Tutor of Mathematics** Taught Mathematics to Primary, Secondary and High School Students	

Recent Talks

October, 2021	**Student Seminar of Mathematics** Moment map and Commuting Toeplitz Operators	CIMAT
October, 2021	**SMM's National Congress** Commuting Toeplitz Operators with Moment Map Symbols	SMM
June, 2021	**GSS's Mathematics Seminar Series** Toeplitz Operators with Invariant Symbols	RUPP
May, 2021	**Seminar on Toeplitz Operators** C*-algebras generated by Toeplitz Operators on Bergman Spaces	CINVESTAV

Meetings

August, 2021	**International Workshop on Operator Theory and its Applications (IWOTA)** Chapman University, California, USA
July, 2019	**International Workshop on Operator Theory and its Applications (IWOTA)** Instituto Superior Técnico (IST), Lisbon, Portugal

Publication

2022	**Commuting Toeplitz Operators on Cartan Domains of Type IV and Moment Maps** Complex Analysis and Operator Theory	Journal