Monyrattanak Seng

"The real success in life is to know your true self"

🎂 August 18, 1990

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🏴 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 ────────

👤 Prof. Raúl Quiroga Barranco

🏛 Centro de Investigación en Matemáticas (CIMAT)

@ quiroga@cimat.mx

Education

Postgraduate

Present	**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

Teaching Experience

2020 – Present	Founder, Organizer and Lecturer for Mathematical Association of Cambodia	M.A.C.
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
January, 2018	**Mathematics Seminar** Lie Groups and Lie Algebras	RUPP

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	
November, 2018	**International Workshop: Operator Algebras, Toeplitz Operator and Related Topics** Veracruz, Mexico	CINVESTAV
October, 2018	**National Congress of Mathematics** Universidad Juárez Autónoma de Tabasco (UJAT), Tabasco, Mexico	SMM

Awards

2015 – 2021	Awarded the scholarship from CIMAT and CONACYT for MSc and PhD degrees.
2008 – 2012	Scholarship from RUPP during the undergraduate study.
2008 – 2012	Scholarship from Mekong Training Center (MTC) and Mekong University (MU).