



THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY

Department of Mathematics

PhD Student Seminar

Symmetries of the Dyogen Atom

By

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Abstract

This seminar will be focused on discussing the symmetries of the dyogen atom, which is a theoretical hydrogen atom with an additional magnetic monopole in its nucleus. We will also explore the structures of the Harish-Chandra modules in the solution space and recover several consequences parallel to those of the hydrogen atom in quantum theory in a representational-theoretical manner.

Date : 6 May 2023 (Saturday)

Time : 10:00 am

Venue : Room 2405 (Lifts 17/18)

All are Welcome!