

中央研究院數學研究所

Institute of Mathematics, Academia Sinica

Taipei Postdoc Seminar

Speaker : 蔡宛育 博士 Dr. Wan-Yu Tsai
(本所 Academia Sinica)

Title : *A brief introduction to nilpotent orbits and the orbit philosophy*

Abstract :

In this talk, we first give an elementary introduction to nilpotent orbits in semisimple Lie algebras. Then we briefly talk about how to relate the nilpotent orbits to representations of semisimple Lie groups. This is part of the philosophy of nilpotent orbits (in a very loose sense). Finally, we present some recent work on the orbit philosophy. We aim at demonstrating this by giving examples on some small groups.

Time : 11:00 – 12:30, Wednesday, May 10, 2017

Venue : Room 202, Astro-Math. Buidling (NTU Campus)

Organizer : Yu-Yen Chien (NCTS), Jyun-Ao Lin (Academia Sinica)

Refreshment : 10:30

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