



THE WEIZMANN INSTITUTE OF SCIENCE
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

Algebraic Geometry and Representation Theory Seminar

on Wednesday, Jul 15, 2020
at 16:30

ZOOM: [HTTPS://WEIZMANN.ZOOM.US/J/98304397425](https://weizmann.zoom.us/j/98304397425)

Wee Teck Gan
Singapore

Transfer of characters under the Howe duality correspondence

Abstract:

Let $Sp(W) \times O(V)$ be a dual reductive pair. If π is an irreducible representation of $Sp(W)$ say, then one may consider its theta lift $\theta(\pi)$ on $O(V)$. In this talk, we discuss how the Harish-Chandra characters of π and $\theta(\pi)$ are related (when the representation of the smaller group is tempered).

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