Abstract:

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

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