

Tempered representations and K-theory



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Functoriality via Dirac cohomology

Tuesday, February 25, 2025 11:00 AM (1 hour)

Dirac cohomology of a discrete series representation is similar to the highest weight vectors of a highest weight module. We discuss how to formulate the character lifting of discrete series by employing Dirac cohomology. This lifting is closely related to the Langlands functoriality and the Howe dual pair correspondence.

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