Kempner Colloquium

Fine structure of special symplectic representations

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Representations of simple Lie groups having an invariant symplectic structure are little studied. I will present a class of these that has appeared in several areas of mathematics. Using symplectic methods I will expose several facets of their structure that have surprising connections with algebraic geometry, number theory and differential geometry. This represents results from joint work with M. Slupinski.

March 3, 2014
4:00 p.m.
MATH 350