



THE WEIZMANN INSTITUTE OF SCIENCE
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

Algebraic Geometry and Representation Theory Seminar

Room 290C ,Ziskind Building
on Tuesday, Nov 28, 2017
at 11:15

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WIS

Weyl group multiple Dirichlet series

Abstract:

Weyl group multiple Dirichlet series are Dirichlet series in r complex variables which initially converge on a cone in \mathbb{C}^r , possess analytic continuation to a meromorphic function on the whole complex space, and satisfy functional equations whose action on \mathbb{C}^r is isomorphic to the Weyl group of a reduced root system. I will review different constructions of such series and discuss the relations between them.