

Mathematics Colloquium

Moshe Baruch

Technion/Princeton

**The Classical Henkel
Transform in the Kirillov
Model of the Discrete
Series Representation**

Abstract: We give a short new proof for the classical Hankel inversion formula. We use this proof to give a description of the smooth space of the Kirillov model for the discrete series representations of $SL(2, R)$.

Wednesday, September 23

**4:00-5:00 pm
204 Smith Hall**