

LECTURE SERIES:

QUANTUM D -MODULES OF PROJECTIVE BUNDLES AND BLOWUPS
PART IV

Speaker: Yuki Koto

Academia Sinica

Time: Wed., Oct. 21st, 9:30-11:30AM

Venue: SCMS Room 102

Abstract: In this lecture series, we review the basics of quantum D -modules and Givental's formalism. We then explain the projective bundle formula and the blowup formula, which are proved using Fourier transforms associated with rank-one torus actions. If time permits, we will also discuss a nonabelian version of the Fourier transform.