

Fourier–Mukai and Nahm
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*-quantization of Fourier-Mukai transforms

Tony Pantev

*Department of Mathematics
University of Pennsylvania
DRL 209 South 33rd Street
Philadelphia, PA 19104-6395
USA*
tpantev@math.upenn.edu

Abstract

I will explain a recent joint work with Arinkin and Block in which we studied the behavior of Fourier-Mukai equivalences under formal analytic quantization. Our main result is an unobstructedness theorem for the *-quantization of sheaf-like kernel objects on complex analytic spaces.