

REAL POLARIZATION VIA BOHR SOMMERFELD GEOMETRIC QUANTIZATION FOR QUADRICS

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Following Miranda-Présas-Solha's sheaf cohomology approach to compute Geometric Quantization for almost toric manifolds, in particular K3 surfaces, we establish whether counting Bohr Sommerfeld leaves in the interior of polytope in the case of Quadrics gives the same result as Kahler Quantization. This forms an important model for Gelfand-Cetlin type flags studied by Guillemin-Sternberg.