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modules. In particular, our construction includes a representation theory interpretation of the Batyrev--Ciocan-Fontanine--Kim--van Straten toric degeneration of Grassmannian, providing a direct connection between this toric degeneration of \$\Gr_{m,N}\$ and total positivity for unipotent matrices.
Comments: 18 pages
Subjects: Algebraic Geometry (math AG): Representation Theory

On parabolic Whittaker functions II

We derive a Givental-type stationary phase integral representation for the specified $Gr_{m,N}$ -Whittaker function introduced in \cite{GLO2}, which

presumably describes the \$S^1\times U_N\$-equivariant Gromov-Witten

generalization of Whittaker model for principal series \$\CU(\frak{gl}_N)\$-

invariants of Grassmann variety \$\Gr_{m,N}\$. Our main tool is a

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