

Kim: Quantum affine algebras, canonical bases and q-deformation  
of arithmetical functions

September-29-10  
2:08 PM

$$\int_{N(F)} F^\circ(n) dn = \prod_{\alpha \in \Delta_+} \frac{1 - q^{-1} Z^\alpha}{1 - Z^\alpha}$$

"Gindikin-Karpelovich  
formula"

For  $GL_n$ ,  $N_- = \left\{ \begin{pmatrix} 1 & & 0 \\ * & 1 & \\ & & 1 \end{pmatrix} \right\} \dots$

There's also "Casselman-Shalika