

**A q -ANALOGUE OF THE WEYL-KAC DENOMINATOR
IDENTITY OF TYPE \tilde{B}_n .**

ABSTRACT. By using Frobenius maps and F -stable representations, we count the number of indecomposable representations of a species of type \tilde{B}_n over a finite field and give a q -analogue of the Weyl-Kac denominator identity of type \tilde{B}_n .