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**Ian M Musson\*** ([musson@uwm.edu](mailto:musson@uwm.edu)). *Twisting functors and generalized Verma modules.*

Let  $\mathfrak{g}$  be a reductive Lie algebra over  $\mathbb{C}$ . Twisting functors are an important tool in the study of the BGG category  $\mathcal{O}$  of  $\mathfrak{g}$ -modules. It is known that the character of a twisting functor applied to a Verma module is the same as the character of another Verma module. We give a condition that ensures that the character of a generalized Verma module is well-behaved under a twisting functor. We show that a similar result holds for basic classical simple Lie superalgebras. The result is used elsewhere to obtain a Jantzen sum formula for certain highest weight modules over type A Lie superalgebras. (Received August 18, 2018)