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**SWARNAVA MUKHOPADHYAY\*** (swarnava@live.unc.edu). *Rank-level duality for odd orthogonal Lie algebras.*

Classical invariants for representations of one Lie group can often be related to invariants of some other Lie group. Physics suggests that the right objects to consider for these questions are certain refinements of classical invariants known as conformal blocks. Conformal blocks appear in algebraic geometry as spaces of global sections of line bundles on the moduli stack of parabolic bundles on a smooth curve. Rank-level duality connects a conformal block associated to one Lie algebra to a conformal block for a different Lie algebra. In this paper we prove a rank-level duality for type  $\mathfrak{so}(2n+1)$  on the pointed projective line conjectured by T. Nakanishi and A. Tsuchiya. (Received September 24, 2012)