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**Constance G. Baltera\*** (cgb2k@virginia.edu) and **Weiqiang Wang**. *Spin Coinvariant Algebras and Spin Fake Degrees for Weyl Groups*.

For an irreducible representation of a Weyl group, the fake degree is its graded multiplicity in the coinvariant algebra. We formulate a notion of a spin coinvariant algebra for a distinguished double cover of every Weyl group, and compute the graded multiplicities of the irreducible spin representations in this algebra, which are called the spin fake degrees. (Received January 17, 2012)