1131-81-179   **Iana I. Anguelova*** (`anguelovai@cofc.edu`), Charleston, SC 29424. *Character identities arising from the two bosonizations of the CKP hierarchy.*

Surprisingly, the CKP hierarchy admits two bosonizations, one in terms of a twisted Heisenberg field, and the second via an untwisted Heisenberg field. These two bosonizations are associated with three different families of Virasoro fields, and thus there are 4 different grading operators acting on the Fock space. In this talk we will discuss the graded dimension formulas and identities arising from these four grading operators. (Received July 13, 2017)