1100-11-325 **W. Cheng**, **S. Chaubey** and **Amita Malik*** (`amalik10@illinois.edu`), 1409 W Green Street, Urbana, IL 61801, and **A. Zaharescu**. *On the parity of broken k-diamnond partitions.*

We discuss several new parity results for broken k-diamond partitions on certain types of arithmetic progressions. We also obtain bounds for the parity of broken k-diamond partitions and more general colored partitions. (Received February 10, 2014)