

**Meeting:** 1003, Atlanta, Georgia, MAA CP X1, MAA General Contributed Paper Session, I

1003-X1-1251      **Douglas E. Norton\*** ([douglas.norton@villanova.edu](mailto:douglas.norton@villanova.edu)), Department of Mathematical Sciences, Villanova University, 800 Lancaster Avenue, Villanova, PA 19085. *Classification of Patterns in Botswana Baskets*. Preliminary report.

In one of the sessions on Math and the Arts at the 2004 Joint Mathematics Meetings, an introduction to Pattern and Symmetry in the Basketry of Botswana was presented. This presentation considers a classification of the symmetries and patterns found in some of the standard "classical" patterns found in Botswana baskets. These patterns are then compared with other frieze and periodic decorative patterns in a selection of indigenous art forms from other cultures. (Received October 04, 2004)