

1050-57-171

**Alexander I. Suciu\*** ([a.suciu@neu.edu](mailto:a.suciu@neu.edu)), Department of Mathematics, Northeastern University, Boston, MA 02115. *A look at polyhedral products.*

A general construction associates to a simplicial complex  $K$  on  $n$  vertices, and a pair of spaces,  $(X, A)$ , a certain subspace,  $\mathcal{Z}_K(X, A)$ , of the cartesian product of  $n$  copies of  $X$ . I will discuss several aspects of this construction, with emphasis on the case when  $X$  is a circle, and  $A$  is a point. (Received March 03, 2009)