

1050-57-171

Alexander I. Suci* (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)