North Carolina State University  
Mathematics Department  
ALGEBRA SEMINAR  

September 15, 1999  

Prof. Weiqiang Wang  
N. C. State University  

Some natural algebraic structures in  
equivariant K-theory  

ABSTRACT: Given a topological space $X$ acted upon by a finite  
group $G$, the so-called wreath product $G S_n$ (which is a finite group  
generalizing symmetric group $S_n$) acts on the $n$-th cartesian product  
$X^n$. We will show the direct sum of equivariant topological K-groups  
$K_{G S_n}(X^n)$ for all $n$ carries several wonderful algebraic structures. Some  
applications will be discussed.

2:35-3:25 p.m.  HA 335  

Faculty and Graduate students are invited to attend.  
Please contact jing@math.ncsu.edu for more  
information. Visit our Homepage at  
http://www.math.ncsu.edu/~jing/Seminar/alg.html