

WICHITA STATE UNIVERSITY
Department of Mathematics and Statistics

*The Lecture Series in the
Mathematical Sciences Presents Our Guest:*

Dr. John Robertson
Wichita State University

*"Dynamical Objects for Cohomologically
Expanding Maps"*

Abstract:

We use differences in rates of expansion in the terms of a cohomological long exact sequence to create unique lifts of fixed members of one term of the sequence to a fixed member of the preceding term. In the context of sheaf cohomology this allows us to construct invariant dynamical objects under fairly general circumstances. We also provide a method to control the regularity of these objects.

Friday, January 27, 2006
3:00 PM in 372 Jabara Hall

*Please come join us for refreshments before the lecture
at 2:30 p.m. in room 353 Jabara Hall.*