

WICHITA STATE UNIVERSITY  
Department of Mathematics and Statistics

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

**Dr. Lucio Arteaga**  
Emeritus Professor, Wichita State University

***Latticoide***

Abstract

By deleting the commutative axiom, and modifying the cancellation axiom from a set of axioms defining a Lattice, a different algebraic structure is obtained. We called it a Latticoide. An order relation and equivalence relation are defined. With these definitions it is possible to show that the quotient set generated by the equivalence relation is a Lattice.

Friday, October 28, 2005  
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.*