

ANALYSIS SEMINAR

VECTOR LATTICES IN BOOLEAN ALGEBRAS

GERARD BUSKES

DEPARTMENT OF MATHEMATICS, UNIVERSITY OF MISSISSIPPI

WEDNESDAY, OCTOBER 29 AT 2:00 PM IN HUME 331

Abstract : The theory of Boolean algebras has been used extensively to study aspects of the theory of vector lattices. In this talk we show how, in turn, the theory of vector lattices can be applied to study Boolean algebras. In particular, we will present a proof of the classical Loomis-Sikorski Theorem in that context.