

**ANALYSIS SEMINAR**

**COMPACT FILTERS: A FEW  
EXAMPLES OF THEIR USE.**

IWO LABUDA  
UNIVERSITY OF MISSISSIPPI

WEDNESDAY, FEBRUARY 2, 2005 IN ROOM 331 AT 3:00 PM

*Abstract: I will discuss instances where the notion of a compact filter allows natural proofs of known and sometimes new theorems in topology/analysis.*