

**Meeting:** 1004, Bowling Green, Kentucky, SS 6A, Special Session on Representation Theory

1004-17-114      **Mark R Sepanski\*** (Mark\_Sepanski@Baylor.edu), Department of Mathematics, One Bear Place #97328, Baylor University, Waco, TX 76798-7328, and **Charles C Conley**. *Relative Extremal Projectors*.

Loosely speaking, a relative extremal projector is a universal projector mapping any appropriate representation onto a certain highest subrepresentation. This talk will outline basic properties of extremal projectors and various product expansions. (Received January 20, 2005)