

1058-22-181

S. N. Kitchen* (kitchen@math.utah.edu), 155 S 1400 E Rm 233, Math Department, Salt Lake City, UT 84112. *Localization of Cohomologically Induced Modules to Partial Flag Varieties.*

The duality theorem of Hecht, Milicic, Schmidt and Wolf establishes a relationship between Harish-Chandra modules for a real reductive Lie group G that are cohomologically induced from Borels and D -modules on the complex flag variety of G . I will present the corresponding results for partial flag varieties. (Received February 15, 2010)