1143-22-92 **Jerrod M Smith*** (jerrod.smith@ucalgary.ca), Department of Mathematics and Statistics, University of Calgary, Calgary, Alberta T2N 1N4, Canada. *Support of closed orbit relative matrix coefficients.*

Let F be a p-adic field and let G be the F-points of a connected reductive group defined over F. Let θ be an F-involution of G. Let H be the subgroup of θ-fixed points in G. Let χ be a quasi-character of H. A smooth complex representation (π, V) of G is (H, χ)-distinguished if there exists a nonzero element λ in $\mathrm{Hom}_H(\pi, \chi)$. We generalize a construction of descended invariant linear forms on Jacquet modules first carried out independently by Kato and Takano, and Lagier to the setting of (H, χ)-distinction. Moreover, we give an (H, χ)-analogue of Kato and Takano's relative version of the Jacquet Subrepresentation Theorem. In the case that π is parabolically induced from a θ-stable parabolic subgroup of G, and λ arises via the closed orbit in $Q\backslash G/H$, we study the (non)vanishing of the descended forms via the support of λ-relative matrix coefficients. (Received August 01, 2018)