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Monica Nevins* (mnevins@uottawa.ca), Department of Mathematics and Statistics, University of Ottawa, Ottawa, ON , Canada. *On Branching Rules for Supercuspidal Representations of reductive p -adic groups*. Preliminary report.

The branching rules under consideration are those arising from the restriction of an irreducible representation of a reductive p -adic group G to a maximal compact subgroup K . We report on recent progress towards understanding these branching rules for certain classes of supercuspidal representations and groups, using the parametrization of supercuspidal representations given by Yu. (Received June 25, 2011)