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Fiona Murnaghan* (fiona@math.toronto.edu), Department of Mathematics, 40 Saint George Street, Toronto, Ontario M5S 2E4, Canada. *Characters of tame supercuspidal representations*. Preliminary report.

Certain equivalence classes of tame supercuspidal representations of reductive p -adic groups may be parametrized by conjugacy classes of quasicharacters of elliptic maximal tori. We give a general description of some new results concerning the characters of such representations. (Received September 26, 2006)