RELATIVELY SUPERCUSPIDAL SPECTRUM FOR THE PAIR (GL_N(E), GL_N(F))

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Abstract: The L^2-spectral decomposition of spherical varieties is central in the relative Langlands program of Sakellaridis-Venkatesh. Analogous to Harish-Chandra's philosophy of cusp forms, relatively supercuspidal representations can be thought as the building blocks. In this talk, I will clarify the relatively supercuspidal spectrum for the pair (GL_n(E), GL_n(F)) with E/F quadratic. This is a joint work with Li Cai.