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Admissible embeddings of L-tori and the essentially tame local Langlands/Jacquet-Langlands correspondence

Let F be a non-Archimedean local field and G^* be the general linear group GL_n over F. Bushnell and Henniart described the essentially tame local Langlands correspondence of $G^*(F)$ using admissible characters, with their rectifiers, of tamely ramified elliptic maximal tori of $G^*(F)$. The main results of the speaker is to relate these rectifiers to χ-data in the transfer principle of Kottwitz, Langlands, and Shelstad. Therefore, we can describe the essentially tame correspondence using admissible embeddings of L-tori. The speaker also shows that, when G^* is replaced by an inner form G of G^*, the essentially tame Jacquet-Langlands correspondence provides similar results.