On the Tempered Spectrum
of Quasi-Split Classical Groups II

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Abstract. We determine the poles of the standard intertwining operators for a maximal parabolic subgroup of the quasi-split unitary group defined by a quadratic extension $E/F$ of $p$-adic fields of characteristic zero. We study the case where the Levi component $M \cong \text{GL}_n(E) \times \text{U}_m(F)$, with $n \equiv m \pmod{2}$. This, along with earlier work, determines the poles of the local Rankin-Selberg product $L$-function $L(s, \tau' \times \tau)$, with $\tau'$ an irreducible unitary supercuspidal representation of $\text{GL}_n(E)$ and $\tau$ a generic irreducible unitary supercuspidal representation of $\text{U}_m(F)$. The results are interpreted using the theory of twisted endoscopy.