

We are grateful to the referee for their careful reading and their comments and suggestions. We have implemented most of their requests. For the remaining few, our answers are below.

(1) I don't understand this comment. If the question is about the uniqueness of Shelstad's first construction of the transfer factor, then the answer is that it is unique up to multiplication by  $-1$ , i.e. the pair of functions  $\Delta, -\Delta$  is unique.

(2) No.  $\bar{z}_\sigma$  denotes the value of the 1-cocycle  $\bar{z}$  at  $\sigma$ , which is what is needed.

(6) I do not understand this comment. The claim is that there is a natural bijection between two sets – the set of  $\hat{T}$ -conjugacy classes of  $L$ -homomorphisms  $W_{\mathbb{R}} \rightarrow {}^L T_{\pm}$ , and the set of genuine characters of  $T(\mathbb{R})_{\pm}$ .

(23) The explanation is just about the notation. The proof of the formula is not given there. I have provided references for the proof.

(25) Provisos is correct.

(30) The constructions do not follow from [Kos78] or [Vog78]. They are just constructions that are used in various parts of the literature, and we are collecting and relating them to help readers navigate the literature.

(36) This is done 7 lines above the definition.

(41) I do not see the notation  $G_x(\mathbb{R})$  anywhere.