COMMENTS ON "CONFORMAL AND QUASICONFORMAL CATEGORICAL REPRESENTATION OF HYPERBOLIC RIEMANN SURFACES"

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(1.) All tempered groups [hence also profinite groups that are regarded as tempered groups] (respectively, all temperoids) that appear in the present paper should be assumed to be equipped with a topology that admits a *countable basis* (respectively, assumed to be connected temperoids associated to such tempered groups). This assumption is necessary in order to ensure that the index sets of *"universal covering pro-objects"* implicit in the definition of the *tempered fundamental group* associated to a connected temperoid [cf. [Mzk11], Remark 3.2.1] may be taken to be *countable*. This countability of the index sets involved implies that the various objects that constitute such a universal covering pro-object admit a *compatible system of basepoints*, i.e., that the *obstruction* to the existence of such a compatible system — which may be thought of as an element of a sort of "nonabelian $\mathbb{R}^1 \varprojlim$" — *vanishes*. In order to define the tempered fundamental group in an intrinsically meaningful fashion, it is necessary to know the existence of such a compatible system of basepoints.