

COMMENTS ON “TOPICS IN  
ABSOLUTE ANABELIAN GEOMETRY I:  
GENERALITIES”

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(1.) The final portion [beginning with the *third sentence*] of the statement of Lemma 4.5, (iv), should be replaced by the following text:

*Then the decomposition groups of cusps  $\subseteq H^*$  may be characterized [“group-theoretically”] as the maximal closed subgroups  $I \subseteq H^*$  isomorphic to  $\mathbb{Z}_l$  which satisfy the following condition: We have*

$$d_{\chi_G^{\text{cyclo}}}((I^l \cdot J)^{\text{ab}} \otimes \mathbb{Q}_l) + 1 < l \cdot \{d_{\chi_G^{\text{cyclo}}}((I \cdot J)^{\text{ab}} \otimes \mathbb{Q}_l) + 1\}$$

*[i.e., “the covering of curves corresponding to  $J \subseteq I \cdot J$  is totally ramified at some cusp”] for every characteristic open subgroup  $J \subseteq H^*$  such that  $J \neq I \cdot J$ .*

(2.) In the statement of Proposition 2.5, (iv), the phrase “Suppose that  $k_1$  either an **FF** or an **MLF**,” should read “Suppose that  $k_1$  is either an **FF** or an **MLF**,”.

(3.) In the final portion of the proof of Proposition 2.5, the phrase “a *MLF*” should read “an *MLF*”.

(4.) In Definition 2.9, the phrase “nonabelian pro- $\Sigma$ -solvable free group” should be replaced by the phrase “nonabelian free pro- $\Sigma$ -solvable group [cf. [FJ], Definition 17.4.1]”.

(5.) In the statement and (second paragraph of) the proof of Theorem 2.11, (iv), the notation “ $\phi$ ” should be replaced by the phrase “the natural inclusion  $H \hookrightarrow J$ ”.

(6.) In the proof of Proposition 3.2, the phrase “follows immediately the Hodge-Tate” should be replaced by the phrase “follows immediately from the Hodge-Tate”.

(7.) In Remark 3.7.1, the phrase “continue to hold when” should be replaced by the text “continue to hold, at least under the additional assumption that each field  $k_i$  contains a primitive  $p$ -th root of unity, when”.

(8.) In the final portion of the second line of the display in the statement of Proposition A.3, (ix), the notation “ $v_j$ ” should be replaced by “ $\phi_V(v_j)$ ”.

(9.) In the third sentence of the proof of Proposition A.6, (ii), the notation “ $W \times_S k$ ” should be replaced by “ $W \times_k S$ ”.