

COMMENTS ON “FOUNDATIONS OF P-ADIC TEICHMÜLLER THEORY”

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(1.) In §0.6, §0.9 of the Introduction, the *captions* and *actual illustrations* of Fig. 3, 4 [i.e., the *complex* and *p-adic* cases] are *reversed*. The illustration in the *p-adic* case appears with the correct caption in Fig. 3 of §1.6 of [1].

(2.) In line 4 of Theorem 1.3, (3), of §1.2 of the Introduction, “*odd*” should read “*even*”. This result is stated correctly in the body of the text — e.g., Chapter IV, Theorem 3.2; Chapter V, §1.

(3.) In the statement of the criterion (*) in the discussion following Chapter I, Definition 2.8, the word “*horizontal*” in the second and third lines following the display should be replaced by “*vertical*”.

(4.) In Chapter II, §2.3, the “*versal families*” should be understood as being *possibly empty*. In particular, in item (1) of the statements of Chapter II, Theorem 2.8, Corollary 2.9, the phrase “smooth of dimension ...” should be replaced by “smooth of dimension ... (if it is not empty)” (cf. the phrasing of the final paragraph of the statement of Chapter II, Theorem 2.8).

Bibliography

- [1] S. Mochizuki, An Introduction to *p-adic* Teichmüller Theory, *Cohomologies p-adiques et applications arithmétiques I*, *Astérisque* **278** (2002), pp. 1-49.