

TEICHMÜLLER THEORY AND APPLICATIONS
TO GEOMETRY, TOPOLOGY, AND DYNAMICS

VOLUME 1 TEICHMÜLLER THEORY

NOTES AND ERRATA

Note: Mathematical errors are marked with a star .

We thank Laurent Bartholdi, Hendrik Chaltin, Sa'ar Hersonsky, and Thomas Schmidt for their contributions to this list.

PAGE 134 2 lines before Definition 4.5.1: The skew also becomes large when one vertex of a triangle tends to infinity, but we are only interested in small triangles.

*PAGE 145 In Definition 4.5.13, W is not defined. It should be: "... if every point of X has a neighborhood W such that for any three distinct points $x, y, z \in W$..."

PAGE 215 The first two paragraphs are identical to the last two paragraphs on page 214.

*PAGE 203 2 lines after Proposition 5.2.12, $|x|$ not $\sup |x|$;

4 lines after Proposition 5.2.12, "or it has a maximum" should be "or $|g|$ has a maximum".

PAGE 209 line 10: One reader thought $q(z)dz^2$ is a 2-form. It is not a 2-form, it is a quadratic differential.

*PAGE 226 A minus sign is missing in line 7: "... defined over $(\mathbb{P}^1 \times \mathbb{P}^1) \Delta$ " should be "... defined over $(\mathbb{P}^1 \times \mathbb{P}^1) - \Delta$ ".

PAGE 386 Line 3, missing word: "because *they* are by far ..."

PAGE 392 3rd line of Section A7.4: "more real *than*", not "more real that"

6 lines above equation A7.4.1: $H(X, \mathcal{O}_X^*)$, not $H(X, \mathcal{O}_X)$

PAGE 412 Theorem A9.14: Here X is supposed to be a complex manifold of complex dimension n .

ADDITION TO INDEX Hawaiian earring, 388