

Erratum to “Generic free subgroups and statistical hyperbolicity”

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This Erratum gives some missed constants and corrects the affected inequalities in Section 4.

On p. 30, item (4) in **Setup** concerning constants should be replaced by the following:

Let $D = D(3C, 9C) > 16C$, $\Lambda_0 = \Lambda_0(3C, 9C) > 0$ be the constants given by Proposition 2.11 so that $(D, 9C)$ -admissible paths are (Λ_0, Λ_0) -quasi-geodesics.

and the first sentence of item (5) should be replaced with

Take $m > 0$ so that $|h^m| > D + 2v + 2\Lambda_0^2$.

On p. 33, the sentence starting from “Since $\ell(\beta) \geq nD, \dots$ ” until the end of the formula should be replaced by the following:

Since $\ell(\beta) \geq \sum_{i=1}^n d(y_i, z_i) \geq n(|h^m| - 2v) \geq 2n\Lambda_0^2 \geq 2|W|\Lambda_0^2$, we obtain from the (Λ_0, Λ_0) -quasigeodesicity of β that

$$\Lambda_0 \leq 2\Lambda_0|W| - \Lambda_0 \leq \frac{\ell(\beta)}{\Lambda_0} - \Lambda_0 \leq d(o, Wo) \leq n \max\{|u_1|, |u_2|\} \leq N|W|.$$

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