Erratum to

Factors of IID on Trees


by Russell Lyons

The statement after (2.1), “For example, the conditional expectations $F_r := \mathbb{E}[F \mid \mathcal{F}(B_r(o))]$ converge to $F$ by Lévy’s 0-1 Law.”, should be replaced with the following: “For example, the conditional expectations $\widetilde{F}_r := \mathbb{E}[F \mid \mathcal{F}(B_r(o))]$ converge to $F$ by Lévy’s 0-1 Law. Therefore, so do $F_r := 1_{\{\widetilde{F}_r > 1/2\}}$.”

The question after Question 2.4 asking whether $\mu^\text{col}$ is a certain kind of factor of $\mu^\text{pm}$ has a negative answer, as pointed out by Brandon Seward: If it were, then the factor would be an isomorphism, whence the two probability measures would have the same so-called $f$-invariant by a result of Lewis Bowen. However, direct calculation shows that they are unequal.

Replace “number” in line -10 of p. 293 with “proportion”.

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