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 \( \tilde{F}_r := \mathbb{E}[F \mid \mathcal{F}(B_r(o))] \) converge to \( F \) by Lévy’s 0-1 Law. Therefore, so do \( F_r := 1_{\{\tilde{F}_r > 1/2\}} \)”.

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.

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