

Errata to

Perfect Matchings as IID Factors on Non-Amenable Groups

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Theorem 3.1 should omit the inequality involving ρ . That second inequality is false. The proof uses $\lambda \geq 0$, which can be assumed for proving that $1 - \sqrt{1 - (\Phi/2)^2} \leq 1 - \rho_+$ because if $\rho_+ < 0$, then that inequality is trivial. (We remark that in fact, $\rho_+ \geq 0$, which is proved in a more general setting by M. Abért, “A Spectral Strong Approximation Theorem for Measure Preserving Actions”, *Ergod. Th. & Dynam. Sys.* (2020), **40**, 865–880.)

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