

Exercise 8 for May 16th

Exercise. Fix $p \geq 1$. Set $\mu(k) = p(1-p)^k$ for $k \geq 0$. Let \mathcal{T}_n be a B_μ random tree conditioned on having n vertices. Show that \mathcal{T}_n follows the uniform distribution on the set of all plane trees with n vertices.