

## THE PROBABILITY MEASURE CORRESPONDING TO 2-PLANE TREES

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*Abstract:* We study the probability measure  $\mu_0$  for which the moment sequence is  $\binom{3n}{n} \frac{1}{n+1}$ . We prove that  $\mu_0$  is absolutely continuous, find the density function and prove that  $\mu_0$  is infinitely divisible with respect to the additive free convolution.

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