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Stochastic tree and construction of discrete probability spaces and series summation.

Billich, Martin (ed.), *Mathematica III*. Ružomberok: Catholic University, Pedagogical Faculty (ISBN 978-80-8084-423-3/pbk). *Scientific Issues*, 39-45 (2009).

Summary: This work deals with sums of certain series which are interpreted in a discrete probability space as consecutive ball draws performed in phases. Stochastic trees represent an unusual tool for determining sums of numerical series.

Classification: K50 K20 K30 I30

Keywords: series; probability; stochastic graphs