

A Tale of Heads and Tails

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Abstract:

There are many fine articles involving repeated losses of a fair coin. In this article, the author investigates keeping a running tally in which the number of heads is always at least as great as the number of tails. For n tosses, in how many ways can this happen ?



Michael W. Ecker retired as associate professor of mathematics at Pennsylvania State University's Wilkes-Barre campus in 2016. He received his PhD in mathematics from the City University of New York in 1978. Published regularly as a traditional mathematician, recreational mathematician, problem solver, or computer journalist, he also served on several national committees responsible for creating competitive national exams. For 21 years, he labored

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