

Review of: "A Random Journey Through the Math of Gambling"

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This article is a brief and rigorous journey through the implications that the mathematical laws governing stochastic processes have on gambling.

In this paper, the author addressed a specific process, the random walk, and analyzed some instances of fair and unfair games by highlighting the fallacy of many of our intuitions and beliefs. The paper gradually moves from the analysis of the random walk properties to a comprehensive description of the ruin problem. The introduction of the idea of transient and persistent states concludes the discussion. Much emphasis is placed on concrete examples and on the numerical values, in particular of the involved probabilities, and the interpretation of the results is always more central than the demonstrative technical details, which are nevertheless available to the reader.

This paper is interesting and well written. It contains correct and new results.

In summary, I strongly recommend the acceptance of this paper for publication