

Statistical Analysis of Pile Games using Symbolic Computation

Thotsaporn "Aek" THANATIPANONDA and Doron ZEILBERGER

Abstract.

The Maple packages. This article is accompanied by three Maple packages

- SnakesAndLadders.txt
- PosPileGames.txt
- GenPileGames.txt

They are available, along with numerous input and output files, from the front of this article

<http://www.math.rutgers.edu/~zeilberg/mamarim/mamarimhtml/pile.html> .

References

[LT] Ho-Hon Leung and Thotsaporn "Aek" Thanatipanonda, *A Probabilistic Two-Pile Game*, to appear. <https://arxiv.org/abs/1903.03274>.

[MM] David Mccune and Lori Mccune, *Counting your chickens with Markov chains*, Mathematics Magazine **92** (2019), 162-172.

[T] Thotsaporn "Aek" Thanatipanonda, *A Quantitative Study on Average Number of Spins of Two-Player Dreidel*, <https://arxiv.org/abs/1907.11851> .

Thotsaporn “Aek” Thanatipanonda, Mahidol University International College, Nakornpathom,
Thailand

Email: thotsaporn at gmail dot com .

Doron Zeilberger, Department of Mathematics, Rutgers University (New Brunswick), Hill Center-
Busch Campus, 110 Frelinghuysen Rd., Piscataway, NJ 08854-8019, USA.

Email: DoronZeil at gmail dot com .

Written: July 18, 2019.