

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

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Potential competing interests: No potential competing interests to declare.

Professor Paolo Bartesaghi's paper is motivational and inspirational to new and mature learners in probability and its users.

I have a few comments from a different angle.

a. Chapter III of William Feller's Volume I is on "Fluctuations in Coin Tossing and Random Walks," with a valuable introduction. So, Volume I

should also be included in References on page 23 with Volume II.

b. The Saddle Point Algorithm is a valuable tool for binomial probability calculations. Please see Catherine Loader's article at the link below.

<https://www.r-project.org/doc/reports/CLoader-dbinom-2002.pdf>

c. I have presented below the numerical values $\text{dbinom}(n, 2n, 0.5)$ of $u_{\{2n\}}$ in (8) on page 7 for different n .

```
> dbinom(1,2,0.5)
```

```
[1] 0.5
```

```
> dbinom(5,10, 0.5)
```

```
[1] 0.2460938
```

```
> dbinom(10,20,0.5)
```

```
[1] 0.1761971
```

```
> dbinom(100, 200, 0.5)
```

```
[1] 0.05634848
```

```
> dbinom(1000,2000, 0.5)
```

```
[1] 0.01783901
```

```
> dbinom(10000,20000, 0.5)
```

```
[1] 0.005641825
```

```
> dbinom(100000, 200000, 0.5)
```

```
[1] 0.001784122
```

```
> dbinom(1000000,2000000,0.5)
```

```
[1] 0.0005641895
```

