



Correction to "A History of the Prime Number Theorem"

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References

1. Patrick Billingsley, *Convergence of Probability Measures*, Wiley, New York, 1968.
2. ———, On the central limit theorem for the prime divisor function, this MONTHLY, 76 (1969) 132–139.
3. William Feller, *An Introduction to Probability Theory and Its Applications*, vol. I, 3rd ed., Wiley, New York, 1968.
4. David Freedman, *Brownian Motion and Diffusion*, Holden-Day, San Francisco, 1971.
5. G. H. Hardy and E. M. Wright, *An Introduction to the Theory of Numbers*, 4th ed., Clarendon Press, Oxford, 1960.
6. M. Kac, *Statistical Independence in Probability, Analysis and Number Theory*, Carus Math. Monogr. 12. MAA, Wiley, New York, 1959.
7. Samuel Karlin, *A First Course in Stochastic Processes*, Academic Press, New York, 1966.
8. J. Kubilius, *Probabilistic Methods in the Theory of Numbers*, 2nd ed. (1962). Vilna: Gosudarstv. Izdat. Politich. i Nauchn. Lit. Litovsk. SSR. (English translation 1964. Amer. Math. Soc. Transl. of Math. Monographs, Volume 11.)
9. Walter Philipp, Arithmetic functions and Brownian motion, Proc. Symp. Pure Math., vol. 24, AMS, 1973.

CORRECTION TO “UNIQUE FACTORIZATION DOMAINS”

P. M. COHN, Bedford College, University of London

The statement “Any Noetherian UFD is a Dedekind domain” (this MONTHLY, 80 (1973) 1–18) should be omitted.

The assertion is of course well known to be false; a correct statement would be: A Dedekind domain is a UFD if and only if it is a principal ideal domain.

I am indebted to Professor J. H. Hays for drawing my attention to this error.

CORRECTION TO “A HISTORY OF THE PRIME NUMBER THEOREM”

L. J. GOLDSTEIN, University of Maryland

In my paper, [this MONTHLY, 80 (June-July, 1973) 599–615] I asserted that the sieve of Eratosthenes was known to the ancient Greeks and, in fact, appeared in Euclid. It has been pointed out to me by Professor J. Albree that although the sieve was known since approximately the time of Euclid, it does not appear in the *Elements*. The author regrets the error.