

a text for a seminar or a reading text for graduate students with some background in analytic number theory.

REFERENCES

- [DDT] J.-M. Deshouillers, F. Dress, and G. Tenenbaum, *Loi de répartition des diviseurs. I*, Acta Arith. **34** (1979), 273–285.
- [EK] P. Erdős and M. Kac, *The Gaussian law of errors in the theory of additive number-theoretic functions*, Amer. J. Math. **62** (1940), 738–742.
- [El] P. D. T. A. Elliott, Review of “*Intégration et théorie des nombres*” by Jean-Loup Mauclaire, Bull. Amer. Math. Soc. (N.S.) **18** (1988), 193–209.
- [Er] P. Erdős, *On the distribution function of additive functions*, Ann. of Math. (2) **47** (1946), 1–20.
- [Ho] C. Hooley, *On a new technique and its applications to the theory of numbers*, Proc. London Math. Soc. (3) **38** (1979), 115–151.
- [HR] G. H. Hardy and S. Ramanujan, *The normal number of prime factors of a number n* , Quart. J. Math. **48** (1917), 76–92.
- [HT1] R. R. Hall and G. Tenenbaum, *Sur la proximité des diviseurs*, Recent Progress in Analytic Number Theory (H. Halberstam and C. Hooley, eds.), Academic Press, London 1981, vol. 1, pp. 103–113.
- [HT2] ——, *The average orders of Hooley’s Δ_r -functions*, Compositio Math. **60** (1986), 163–186.
- [Ma] H. Maier, *On the Moebius function*, Trans. Amer. Math. Soc. **301** (1987), 649–664.
- [MT1] H. Maier and G. Tenenbaum, *On the set of divisors of an integer*, Invent. Math. **76** (1984), 121–128.
- [MT2] ——, *On the normal concentration of divisors*, J. London Math. Soc. (2) **31** (1985), 393–400.
- [Te1] G. Tenenbaum, *Loi de répartition des diviseurs. II*, Acta Arith. **38** (1980), 1–36.
- [Te2] ——, *Sur la concentration moyenne des diviseurs*, Comment. Math. Helv. **60** (1985), 411–428.
- [Va] R. C. Vaughan, *On Waring’s problem for smaller exponents II*, Mathematika **33** (1986), 6–22.

ADOLF HILDEBRAND
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

BULLETIN (New Series) OF THE
AMERICAN MATHEMATICAL SOCIETY
Volume 22, Number 1, January 1990
©1990 American Mathematical Society
0273-0979/90 \$1.00 + \$.25 per page

Geometrical methods in theoretical physics, by K. Bleuler and M. Werner, Kluwer Academic Publ., NATO ASI Series, 1988, 471 pp., ISBN 90-277-2820