

## REFERENCES

### BOOKS

#### REFERENCES

- [Ba] A. Baker, *A concise introduction to the theory of numbers*, Cambridge, 1984.
- [Bo] E. Bombieri, *Le grand crible dans la théorie analytique des nombres*, Astérisque **18** (1987/1974), 103 pp.
- [Cx] David A. Cox, *Primes of the form  $x^2 + ny^2$* , Wiley, 1989.
- [CP] R. Crandall and C. Pomerance, *Prime numbers: A computational perspective*, Springer Verlag, New York, 2001.
- [Da] H. Davenport, *Multiplicative number theory*, Springer Verlag, New York, 1980.
- [Ed] H.M. Edwards, *Riemann's zeta function*, Dover, New York, 1974.
- [HR] H. Halberstam and H.-E. Richert, *Sieve Methods*, Academic Press, London, 1974.
- [HW] G.H. Hardy and E.M. Wright, *Introduction to the theory of numbers*, Oxford, 1932.
- [In] A.E. Ingham, *The distribution of prime numbers*, Cambridge, 1932.
- [IK] H. Iwaniec and E. Kowalski, *Analytic Number Theory*, *AMS Colloquium Publications*, vol. 53, American Mathematical Society, Providence, Rhode Island, 2004.
- [Mo2] H.L. Montgomery, *Topics in multiplicative Number Theory*, Lecture notes in Math, Springer, 197?.
- [Mo3] H.L. Montgomery, *Ten Lectures on the Interface between Analytic Number Theory and Harmonic Analysis*, C.B.M.S. Regional Conference Ser. Math, vol. 84, Amer. Math. Soc, 1994.
- [MV] H.L. Montgomery and R.C. Vaughan, *Multiplicative number theory I*, Cambridge studies in advanced math, Cambridge University Press, Cambridge, 2006.
- [Nar] W. Narkiewicz, *The development of prime number theory*, Springer monographs in mathematics, Springer-Verlag, Berlin, 2000.
- [Rib] P. Ribenboim, *The little book of bigger primes (2nd ed)*, Springer Verlag, New York, 2004.
- [MV] T. Tao and V.H. Vu, *Additive Combinatorics*, Cambridge studies in advanced math, vol. 105, Cambridge University Press, Cambridge, 2006.
- [Te] G. Tenenbaum, *Introduction to analytic and probabilistic number theory*, Cambridge Studies in Advanced Mathematics **46**, Cambridge University Press, Cambridge, 1995.
- [TM] G. Tenenbaum and M. Mendès France, *The prime numbers and their distribution*, vol. 6, AMS Student Math library, Rhode Island, 2000.
- [Ti] E.C. Titchmarsh, *The Theory of the Riemann Zeta-Function (2nd ed.)*, Oxford University Press, 1986.

### PAPERS

#### REFERENCES

- [BV] M.V. Berry and J.P. Keating, *The Riemann zeros and eigenvalue asymptotics*, *SIAM Rev.* **41** (1999), 236–266.
- [BHV] Y. Bilu, G. Hanrot and P. Voutier, *Existence primitive divisors of Lucas and Lehmer numbers*, *J. Reine angew. Math* **539** (2001), 75–122.
- [BK] E.B. Bogomolny and J.P. Keating, *Random matrix theory and the Riemann zeros. II.  $n$ -point correlations*, *Nonlinearity* **9** (1996), 911–935.

- [ChRu] Y.-G. Chen and I.Z. Ruzsa, *Prime values of reducible polynomials. I*, Acta Arith **95** (2000), 185–193.
- [Cr] H. Cramér, *On the order of magnitude of the difference between consecutive prime numbers*, Acta Arith. **2** (1936), 23-46.
- [HL] G.H. Hardy and J.E. Littlewood, *Some problems of Partitio Numerorum III: On the expression of a number as a sum of primes*, Acta Math **44** (1922), 1-70..
- [JSW] J.P. Jones, D. Sato, H. Wada, D. Wiens, *Diophantine Representation of the Set of Prime Numbers*, American Mathematical Monthly **83** (1976), 449-464.
- [Li] J.E. Littlewood, *Distribution des nombres premiers*, C. R. Acad. Sci. Paris **158** (1914), 1869–1872..
- [Ma] H. Maier, *Primes in short intervals*, Michigan Math. J. **32** (1985), 221-225.
- [Mo1] H.L. Montgomery, *The Pair Correlation of Zeros of the Zeta Function*, Proc. Symp. Pure Math, vol. 24, Amer. Math. Soc, Providence, 1973, pp. 181-193.
- [Rie] B. Riemann, *Ueber die Anzahl der Primzahlen unter einer gegebenen Grösse*, Monatsberichte der Berliner Akademie (November 1859).
- [RS1] M. Rubinstein and P. Sarnak, *Chebyshev’s bias*, Experiment. Math **3** (1994), 173–197..
- [RS2] Z. Rudnick and P. Sarnak, *The  $n$ -level correlations of  $L$ -functions*, C. R. Acad. Sci. Paris Sr. I Math **319** (1994), 1027–1032.
- [Sel] A. Selberg, *Note on a paper of L.G. Sathé*.