

# Bibliografia

## Libri

- [A] T.M. Apostol - *Introduction to Analytic Number Theory* - Springer 1976.
- [B(1)] E. Bombieri - *le grand crible dans la théorie analitique des nombres* - astérisque 18, société mathématique de france 1974.
- [D] H. Davenport - *Multiplicative Number Theory (2<sup>a</sup> ed.)* - Springer 1980.
- [Ed] H.M. Edwards - *Riemann's Zeta Function* - Academic Press 1974.
- [G-K] S.W. Graham, G. Kolesnik - *Van der Corput's Method of Exponential Sums* - London Mathematical Society Lecture Note Series 126, Cambridge University Press 1991.
- [Gr] D. Greco - *Complementi di Analisi (2<sup>a</sup> ed.)* - Liguori 1978.
- [G-H-H] (Edito da) G.R.H. Greaves, G. Harman, M.N. Huxley - *Sieve Methods, Exponential Sums and their Applications in Number Theory* - London Mathematical Society Lecture Note Series 237, Cambridge University Press 1997.
- [H-R] H. Halberstam, H.E. Richert - *Sieve Methods* - Academic Press, London 1974.
- [H-W] G.H. Hardy, E.M. Wright - *An Introduction to the Theory of Numbers (5<sup>a</sup> ed.)* - Oxford University Press 1979.
- [Hu(1)] M.N. Huxley - *The Distribution of Prime Numbers* - Oxford at the Clarendon Press 1972.

- [Iv] A. Ivić - *The Riemann zeta-function* - John Wiley & Sons 1985.
- [L] Ju.V. Linnik - *The Dispersion Method in Binary Additive Problems* - American Mathematical Society 1963.
- [M(1)] H.L. Montgomery - *Topics in Multiplicative Number Theory* - Lecture Notes 227, Springer 1971.
- [M(2)] H.L. Montgomery - *Ten Lectures on the Interface between Analytic Number Theory and Harmonic Analysis* - CMBS n.84, American Mathematical Society 1990.
- [P] K. Prachar - *Primzahlverteilung* - Springer 1957.
- [Te] G. Tenenbaum - *Introduction to analytic and probabilistic number theory* - Cambridge University Press 1995.
- [Ti] E.C. Titchmarsh - *The Theory of the Riemann Zeta-function (2<sup>a</sup> ed.)* - Oxford Science Publications 1986.
- [Va(1)] R.C. Vaughan - *The Hardy-Littlewood Method* - Cambridge University Press 1981.
- [Vi] I.M. Vinogradov - *The Method of Trigonometrical Sums in the Theory of Numbers* - Interscience Publishers LTD., London 1954.

### Articoli

- [B(2)] E. Bombieri - *ON THE LARGE SIEVE* - *Mathematika* **12** (1965), 201-225.
- [B(3)] E. Bombieri - *The asymptotic sieve* - *Mem. Acc. Naz. dei XL* **1,2** (1976), 243-269.
- [B-D-D] R. Balasubramanian, J-M. Deshouillers, F. Dress - *Problème de Waring pour les bicarrés. I. Schéma de la solution* - *C. R. Acad. Sci. Paris Sér. I Math.* **303** n.4 (1986), 85-88.

- [C-L(1)] G. Coppola, M.B.S. Laporta - *A NEW "WEIGHTED" FORM OF THE RIEMANN-VON MANGOLDT EXPLICIT FORMULA* - Note di Matematica (dell' Università di Lecce) **14 n.2** (1994), 263-275.
- [C-L(2)] G. Coppola, M.B.S. Laporta - *ON THE REPRESENTATION OF EVEN INTEGERS AS SUM OF TWO ALMOST EQUAL PRIMES* - Rend. Sem. Mat. Univ. Torino **53 n.3** (1995), 245-252.
- [C-L(3)] G. Coppola, M.B.S. Laporta - *ALMOST EQUAL PRIME SOLUTIONS OF LINEAR EQUATIONS IN TWO VARIABLES* - Preprint Università di Salerno, 1999.
- [C-S(1)] G. Coppola, S. Salerno - *On the distribution in the arithmetic progressions of reducible quadratic polynomials in short intervals* - di prossima pubblicazione su "Functiones et Approximatio", XXVIII.
- [C-S(2)] G. Coppola, S. Salerno - *On the distribution in the arithmetic progressions of reducible quadratic polynomials in short intervals, II* - di prossima pubblicazione negli Atti delle Journées Arithmétiques XXI, sul "Journal de Theorie des Nombres de Bordeaux".
- [C-S(3)] G. Coppola, S. Salerno - *On the distribution in the arithmetic progressions of reducible quadratic polynomials in short intervals, III* - di prossima pubblicazione.
- [C-V] G. Coppola, A. Vitolo - *ON THE DISTRIBUTION OF PRIMES IN INTERVALS OF LENGTH  $\log^\theta N$*  - Acta Math. Hungar. **70 (1-2)** (1996), 151-166.
- [D-F-I] W. Duke, J. Friedlander, H. Iwaniec - *Bilinear forms with Kloosterman fractions* - Invent. Math. **128** (1997), 23-43.
- [Es] T. Estermann - *On Kloosterman's sum* - Mathematika **8** (1961), 83-86.
- [Ga(1)] P.X. Gallagher - *THE LARGE SIEVE* - Mathematika **14** (1967), 14-20.
- [Ga(2)] P.X. Gallagher - *BOMBIERI'S MEAN VALUE THEOREM* - Mathematika **15** (1968), 1-6.

- [HB] D.R. Heath-Brown - *PRIME NUMBERS AND A GENERALIZED VAUGHAN IDENTITY* - Can. J. Math. **34** n.6 (1982), 1365-1377.
- [Ho] C. Hooley - *On the greatest prime factor of a quadratic polynomial* - Acta Math. **117** (1967), 281-299.
- [Hu(2)] M.N. Huxley - *On the difference between consecutive primes* - Invent. Math. **15** (1972), 164-170.
- [In] A.E. Ingham - *On the estimation of  $N(\sigma, T)$*  - Quart. J. Math. Oxford **11** (1940), 291-292.
- [Iw(1)] H. Iwaniec - *Almost-primes Represented by Quadratic Polynomials* - Invent. Math. **47** (1978), 171-188.
- [Iw(2)] H. Iwaniec - *A new form of the error-term in the linear sieve* - Acta Arith. **37** (1980), 307-320.
- [K-P(1)] A. Perelli, J. Kaczorowski - *On the distribution of primes in short intervals* - J. Math. Soc. Japan **45** n.3 (1993), 447-458.
- [K-P(2)] A. Perelli, J. Kaczorowski - *A new form of the Riemann-von Mangoldt explicit formula* - Boll. Un. Mat. Ital. B(7) **10** n.1 (1996), 51-66.
- [L-Z] J. Liu, T. Zhan - *The Goldbach-Vinogradov Theorem* - Number Theory in Progress (Zakopane-Koscielisko, 1997) de Gruyter, Berlin **2** (1999), 1005-1023.
- [M-V] H.L. Montgomery, R.C. Vaughan - *The exceptional set in Goldbach's problem* - Acta Arithmetica **27** (1975), 353-370.
- [P-P-S(1)] A. Perelli, J. Pintz, S. Salerno - *Bombieri's Theorem in Short Intervals* - Ann. Scuola Norm. Sup. Pisa Cl. Sci.(4) **11** (1984), 529-539.
- [P-P-S(2)] A. Perelli, J. Pintz, S. Salerno - *Bombieri's Theorem in Short Intervals, II* - Invent. Math. **79** n.1 (1985), 1-9.
- [S-V] S. Salerno, A. Vitolo - *On the distribution in the arithmetic progressions of reducible quadratic polynomials* - Izwestiya Rossiyskoy AN, Math. Series **58** n.4 (1994), 211-223.
- [Va(2)] R.C. Vaughan - *MEAN VALUE THEOREMS IN PRIME NUMBER THEORY* - J. London Math. Soc.(2) **10** (1975), 153-162.

- [Va(3)] R.C. Vaughan - *Sommes trigonométriques sur les nombres premiers* - C. R. Acad. Sc. Paris, Ser. A **285** (1977), 981-983.
- [W] A. Weil - *On some exponential sums* - Proc. Nat. Acad. Sci. **34** (1948), 204-207.
- [Z] T. Zhan - *On the representation of large odd integers as a sum of three almost equal primes* - Acta Math. Sinica, New Series **7 no. 3** (1991), 259-272.