

Pubblicazioni consultate

060:a. Testi frequentati

- Jean Berstel, Christophe Reutenauer (2011): *Noncommutative Rational Series with Applications*, Cambridge University Press
- Daniel Zwillinger (2011): *CRC Standard mathematical tables*, 32nd ed. Kindle doll47 CRC Press
- Anders Björner, Richard P. Stanley (2010): *A Combinatorial Miscellany*,
<http://www-math.mit.edu/~rstan/papers/comb.pdf>
- A. Shalk, H. Simmons (2005): *An introduction to Category Theory in four easy movements*
<http://www.cs.man.ac.uk/~hsimmons/BOOKS/CatTheory.pdf>
- M. Lothaire (2005): *Applied Combinatorics on Words*, Cambridge University Press
- Jonathan Borwein, David Bailey (2004): *Mathematics by Experiment*, A. K. Peters
- Branko Grünbaum, Volker Keibel, Günter M. Ziegler (2003): *Convex Polytopes*, 2nd ed., Springer
- M. Lothaire (2002): *Algebraic Combinatorics on Words*, Cambridge University Press
- Serge Lang (2002): *Algebra*, Revised 3rd Edition, Springer
- David Mumford, Caroline Series, David Wright (2002): *Indra's Pearls: The Vision of Felix Klein*, Cambridge University Press
- Charalambos A. Charalambides (2001): *Enumerative Combinatorics*, Chapman & Hall / CRC
- Roger Fenn (2001) *Geometry*, Springer
- Robin Hartshorn (2000): *Geometry: Euclid and Beyond*, Springer
- Jim Hefferon (2000): *Linear Algebra*, <http://joshua.smcvt.edu/linearalgebra/>
- Lennart Rade, Bertil Westergren (1999): *Mathematics Handbook for Science and Engineering*, IV ed., Springer
- Ottavio D'Antona (1999): *introduzione alla matematica discreta*, Apogeo
- Richard P. Stanley (1999): *Enumerative Combinatorics*, Vol.1 and 2, Cambridge University Press
- Viktor J. Katz (1998): *A History of Mathematics*, 2nd ed., Addison-Wesley Longman
- John Horton Conway, Richard K. Guy (1996): *The Book of Numbers*, Springer
- Gregory Chaitin (1998): *The Limits of Mathematics*, Springer
- Emanuele Munarini, Norma Zagaglia (1997) *Matematica Discreta*, Città Studi Edizioni
- Steven Roman (1997): *Introduction to Coding and Information Theory*, Springer
- F. R. Drake, D. Singh (1996): *Intermediate Set Theory*, J.Wiley
- Maria Dedò (1996): *Trasformazioni Geometriche*, Zanichelli
- Ronald L. Graham, Martin Grötschel, Lazlo Lovász editors (1995):
Handbook of Combinatorics - Volume I, North-Holland
- Maarten M. Fokkinga (1994): *A Gentle Introduction to Category Theory - the calculation approach*, University of Twente, <http://wwwhome.ewi.utwente.nl/~fokkinga/mmf92b.pdf>
- Maxime Crochemore, Wojciech Rytter (1994): *Text Algorithms*, Oxford University Press

- Herbert Wilf (1994): *Generatingfunctionology*, 2nd edition, Academic Press
<http://www.math.upenn.edu/~wilf/DownldGF.html>
- Peter J. Cameron (1994): *Combinatorics: Topics, Techniques, Algorithms*, Cambridge University Press
- Marilena Barnabei, Flavio Bonetti (1993): *Spazi Vettoriali e Trasformazioni Lineari*, Zanichelli
- Jacobus Hendricus van Lint, Richard M. Wilson (1992): *A Course in Combinatorics*, Cambridge University Press
- Steven Roman (1992): *Advanced Linear Algebra*, Springer
- K. Thulasiraman, M. N. S. Swamy (1992): *Graph Theory*, John Wiley
- Michael Artin (1991): *Algebra*, Prentice Hall
- Paul W. Abrahams, Kathryn A. Hargreaves, Karl Berry (1990): *T_EX for the Impatient*, Addison Wesley, <http://www.freetechbooks.com/tex-for-the-impatient-t508.html>
- Timothy C. Bell, John G. Cleary, Ian H. Witten (1990): *Text Compression*, Prentice-Hall
- Charles F. Goldfarb (1990): *SGML Handbook*, Oxford University Press
- Robert Sedgewick (1990): *Algorithms in C*, Addison-Wesley
- Piergiorgio Odifreddi (1989): *Classical Recursion Theory*, North-Holland
- Ronald E. Graham, Donald E. Knuth, Oren Patashnik (1989): *Concrete Mathematics*, Addison-Wesley
- Alfred V. Aho, Monica S. Lam, Ravi Sethi, Jeffrey David Ullman (1988), *Compilers: Principles, Techniques, and Tools*, Addison-Wesley
- Joseph G. Rotman (1988) *An Introduction to the Theory of Groups*, Wm. C. Brown
- Serge Lang (1987): *Linear Algebra*, 3rd ed., Springer
- A. Pogorelov (1987): *Geometry*, Mir Publisher Moscow
- Steven Roman (1984): *The Umbral Calculus*, Academic Press
- Aleksei Vasilevich Pogorelov (1987): *Geometry*, Mir Publisher
- Giulio Cesare Barozzi, Silvano Materassi (1986): *Analisi Matematica 1*, Zanichelli
- Norman L. Biggs (1985): *Discrete Mathematics*, Oxford Science Publications
- Errett Bishop, Douglas Bridges (1985): *Constructive Analysis*, Springer
- Yuri L. Ershov, E. A. Palyutin (1984): *Mathematical Logic*, Mir, (I ed. 1979)
- Michael Barr, Charles Wells (1983): *Toposes, Triples and Theories*, Springer
<http://www.cwru.edu/artsci/math/wells/pub/ttt.html>
- M. Lothaire (1983): *Combinatorics on Words*, Addison-Wesley
- Ian P. Goulden, David M. Jackson (1983): *Combinatorial enumeration*, J.Wiley
- Piero Caldirola, Renzo Cirelli, Giovanni Maria Prosperi (1982): *Introduzione alla Fisica Teorica*, UTET
- H. S. M. Coxeter (1980): *Introduction to Geometry*, John Wiley
- Morris Kline (1980): *Mathematics: The Loss of Certainty*, Oxford University Press
- Michael R. Garey, David S. Johnson (1979): *Computers and Intractability: A Guide to the Theory of NP-Completeness*, W. H. Freeman & Co.
- Martin Aigner (1979): *Combinatorial Theory*, Springer
- I. N. Bronshtein, K. A. Semendyayev (1978): *Handbook of mathematics*, 3rd Edition Reprint, Springer

- Donald E. Knuth (1977): *The Art of Computer Programming. Vol.1: Fundamental algorithms*, Addison-Wesley
- Michael A. Harrison (1978): *Introduction to Formal Language Theory*, Addison-Wesley
- Vittorio Checcucci, Alberto Tognoli, Edoardo Vesentini (1976): *Lezioni di topologia generale*, Feltrinelli
- George E. Andrews (1976): *The Theory of Partitions*, Cambridge University Press
- Serge Lang (1976): *Analysis 1*, Addison-Wesley
- Walter Rudin (1976): *Principles of Mathematical analysis*, McGraw-Hill
- J. H. Dénes, A. D. Keedwell (1974): *Latin Squares and their Applications*, Academic Press
- John Horton Conway (1971): *Regular Algebra and Finite Machines*, Chapman & Hall
- Nicholas Bourbaki (1971): *Éléments de Mathématiques. Livre III: Topologie Générale*, Hermann (1989, General Topology, Springer)
- Nicholas Bourbaki (1970): *Éléments de Mathématiques. Livre II: Algèbre*, Hermann (1989, Algebra, Springer)
- Claude Berge (1970): *Graphes et Hypergraphes*, Dunod
- Jean Dieudonné (1969): *Éléments d'analyse*, Gauthier-Villars 2nd Edition, John Wiley
- Frank Harary (1969): *Graph Theory*, Addison-Wesley
- Peter Dembowski (1968): *Finite Geometries*, Springer
- Claude Berge (1968): *Principes de Combinatoire*, Dunod
- Paul Moritz Cohn (1965): *Universal Algebra*, Harper and Row - John Wetherhill
- Giovanni Ricci (1965): *Analisi Matematica - Appunti per uso degli studenti*, Libreria Editrice
- Lev Semenovich Pontrjagin (1965): *Topological Groups*
- V. A. Ilyin, E. G. Poznyak (1964): *Analitic Geometry*, Mir Publisher Moscow
- Paul R. Halmos (1960): *Set theory*, Springer
- F. R. Gantmacher (1959): *The theory of Matrices vol. 1*, Chelsea
- F. R. Gantmacher (1959): *The theory of Matrices vol. 2*, Chelsea
- Nicholas Bourbaki (1958): *Éléments de Mathématiques. Livre I: Théorie des Ensembles*, Hermann (Set Theory, Springer)
- Nicholas Bourbaki (1958): *Éléments de Mathématiques. Livre IV: Fonctions d'une variable réelle*, Hermann
- Giovanni Sansone, Roberto Conti (1958): *Lezioni di Analisi Matematica*, Volume primo, XI ed., CeDAM
- Paul R. Halmos (1956): *Finite-Dimension Vector Spaces*, Springer
- Giovanni Sansone, Roberto Conti (1959): *Lezioni di Analisi Matematica*, Volume secondo, IX ed., CeDAM
- Oscar Chisini (1955): *Lezioni di Geometria Analitica e Proiettiva*, Zanichelli
- Federigo Enriques, Ugo Amaldi (1949): *Elementi di Geometria ad uso delle scuole secondarie superiori*, Zanichelli

060:b. Alcuni degli articoli consultati

- W.T. Gowers: *The Two Cultures of Mathematics*,
<http://www.dpmms.cam.ac.uk/~wtg10/2cultures.pdf>
- William P. Thurston (1994): *On proof and progress in mathematics*, Bull. Amer. Math. Soc., (N.S.)
30 (1994) 161-177, <http://arxiv.org/abs/math/9404236v1>
- André Joyal (1981): *Une Théorie Combinatoire des Séries Formelles*, Advances in Mathematics,
V. 42, pp. 1-82
- Branko Grünbaum (2003): *Are Your Polyhedra the Same as My Polyhedra*?
in *Discrete and Computational Geometry*, Springer, pp 461-488
- Jacques Désarménien, J. P. S. Kung, Gian-Carlo Rota (1978): *Invariant Theory, Young Bitableaux
and Combinatorics*, Advances in Mathematics, v. 27, pp.63-92
- Gian-Carlo Rota (1964): *On the Foundations of Combinatorial Theory I: Theory of Möbius Inversion*,
Zeitschrift für Wahrscheinlichkeitstheorie und Verwandte Gebiete, V.2, n.4, pp.340-368
- I. Niven (1969): *Formal Power Series*, American Mathematical Monthly, V.76, pp. 871-879
- Gian-Carlo Rota (1964): *The Number of Partition of a Set*, American Mathematical Monthly,
V.71, pp. 498-504
- Alan Turing (1936): *On computable Number, with an application to the Entscheidungsproblem*,
Proc. London Math. Soc., V.42, pp. 230-265

060:c. Siti frequentati

Abbreviations, directory for acronyms, abbreviation and initialisms

www.abbreviation.com/acronyms/

AF, Acronym Finder www.acronymfinder.com/

arXiv, accesso libero ad oltre 650.000 articoli <http://arxiv.org/>

DLMF, Digital Library of Mathematical Functions (NIST) <http://dlmf.nist.gov/>

Encyclopaedia of Mathematics <http://eom.springer.de/default.htm>

Encyclopédie des Formes Mathématiques Remarcable (Robert Ferréol) <http://www.mathcurve.com/>

EqWorld, The World of Mathematical Equations www.eqworlds.ipmnet.ru/index.htm (anche in italiano)

FOLDOC, Free On-Line Dictionary Of Computing <http://foldoc.org/>

MacTutor History of Mathematics archive

<http://www-history.mcs.st-andrews.ac.uk/history/index.html>

Math Open Reference (John Page) <http://www.mathopenref.com/site/about.html>

MSC2010, Mathematics Subject Classification (AMS, EMS)

msc2010.org/mscwiki/index.?title=MSC2010php

NAP, Developing a 21st Century Global Library for Mathematical Research

www.nap.edu/openbook.php?record_id=18619

OEIS, Online Encyclopedia of Integer sequences

PlanetMath <http://planetmath.org/>

PRISTEM, Progetto RICerche SToriche e Metodologiche matematica.unibocconi.it/indice.htm

SISM, Società italiana di Storia delle Matematiche www.sism.unito.it/node/m-italiani/

Two dimensional mathematical curves (Jan Wassenhaar) <http://www.2dcurves.com>

Wikipedia in francese http://fr.wikipedia.org/wiki/Wikipédia:Accueil_principal

Wikipedia in inglese http://en.wikipedia.org/wiki/Main_Page

Wikipedia in italiano http://it.wikipedia.org/wiki/Pagina_principale

Wolfram MathWorld <http://mathworld.wolfram.com/>

Le varie componenti di questo testo sono accessibili in <http://www.mi.imati.cnr.it/~alberto>

060:d. Altri testi consultati

- John Rhodes (2010): *Applications of automata theory and algebra*, World Scientific
- John H. Conway, Heidi Burgiel, Chaim Goodman-Strauss (2008): *The Symmetry of Things*, Taylor & Francis
- Dikran Dikranjan, Maria Silvia Lucido (2007): *Aritmetica e Algebra*, Liguori
- Silvana Abeasis (2002): *Geometria analitica del piano e dello spazio*, Zanichelli
- Maria Rita Casali, Carlo Gagliardi, Luigi Grasselli (2002): *Geometria*, Società Editrice Esculapio
- H. Enderton (2001): *A Mathematical Introduction to Logic*, 2nd ed., Academic Press
- Béla Bollobás (1998): *Modern Graph Theory*, Springer
- Eugen Spiegel, Christopher J. O'Donnell (1997): *Incidence Algebras*, Marcel Dekker
- Maria Cristina Abbati, Renzo Cirelli (1997): *Metodi Matematici per la Fisica. Operatori Lineari*, Città Studi Edizioni
- Hugh Gordon (1997): *Discrete Probability*, Springer
- Marko Petrovšek, Herbert S. Wilf, Doron Zeilberger (1996): *A=B*, A. K. Peters
- Marco Abate (1996): *Geometria*, McGraw-Hill
- Paul A. Fuhrmann (1996): *A Polynomial Approach to Linear Algebra*, Springer
- Günter M. Ziegler (1995): *Lecture on Polytopes*, Springer
- Seymour Lipschutz (1994): *Algebra lineare*, McGraw-Hill
- Gian-Carlo Rota (1993): *Pensieri discreti*, Garzanti (a cura di F. Palombi)
- K. Devlin (1992): *Sets, Functions & Logic: an Introduction to Abstract Mathematics*, 2nd ed., Chapman & Hall
- Bruce E. Sagan (1991): *The symmetric group. Representations, Combinatorial Algorithms and Symmetric Functions*, Wadsworth & Brooks/Cole
- Carlo Domenico Pagani, Sandro Salsa (1990): *Analisi Matematica vol. 1*, Masson
- Edoardo Sernesi (1989): *Geometria 1*, Bollati Boringhieri
- Anne Sjerp Troelstra, Dirk van Dalen (1988): *Constructivism in Mathematics*, North-Holland
- Mauro Cerasoli, F. Eugeni, M. Protasi (1988): *Elementi di Matematica discreta*, Zanichelli
- Marcel Berger (1987): *Geometry I*, Springer
- Marcel Berger (1987): *Geometry II*, Springer
- Giuseppe Accascina, Vinicio Villani (1983): *Geometria*, ETS, Pisa
- V. O. Gordon, M. A. Sementsov-Egievskii (1980): *A Course in Descriptive Geometry*, Mir Publisher Moscow
- A. Nijenhuis, H. Wilf (1978): *Combinatorial algorithms*, Academic Press
- H. Minc (1978): *Permanents*, Addison-Wesley
- Dominic J. A. Welsh (1976): *Matroid Theory*, Academic Press
- Daniel R. Hughes, Fred C. Piper (1973): *Projective Planes*, Springer
- Hermann Weyl (1952): *Symmetry*, Princeton University Press