

Riferimenti bibliografici

- [1] M. Abate and F. Tovena. *Curves and Surfaces*. UNITEXT. Springer Milan, 2012. ISBN 9788847019416. DOI: [10.1007/978-88-470-1941-6](https://doi.org/10.1007/978-88-470-1941-6). URL <https://books.google.it/books?id=iwGjNhpKSeQC>.
- [2] Emilio Acerbi, Luciano Modica, and Sergio Spagnolo. *Problemi scelti di Analisi Matematica II*. Liguori Editore, 1986. ISBN 88-207-1484-1.
- [3] L. Ambrosio, C. Mantegazza, and F. Ricci. *Complementi di matematica*. Scuola Normale Superiore, 2021. ISBN 9788876426933. URL <https://books.google.it/books?id=1QR0zgEACAAJ>.
- [4] Luigi Ambrosio, Giuseppe Da Prato, and Andrea Menzucchi. *Introduction to measure theory and probability*. Springer, 2011. ISBN 978-88-7642-385-7. DOI: [10.1007/978-88-7642-386-4](https://doi.org/10.1007/978-88-7642-386-4).
- [5] T. M. Apostol. *Mathematical Analysis*. Addison - Wesley, 1974.
- [6] T.M. Apostol. *Calculus, Volume 1*. Wiley, 1991. ISBN 9780471000051. URL <https://books.google.it/books?id=o2D4DwAAQBAJ>.
- [7] John L. Bell. The Axiom of Choice. In Edward N. Zalta, editor, *The Stanford Encyclopedia of Philosophy*. Metaphysics Research Lab, Stanford University, Winter 2021 edition, 2021.
- [8] R. Bellman. *Introduction to Matrix Analysis*. Classics in Applied Mathematics. Society for Industrial and Applied Mathematics, 1997. ISBN 9780898713992. URL <https://books.google.it/books?id=Y9JCSnYdIkAC>.
- [9] Andreas Blass. Existence of bases implies the axiom of choice. In *Axiomatic set theory (Boulder, Colo., 1983)*, volume 31 of *Contemp. Math.*, pages 31–33. Amer. Math. Soc., Providence, RI, 1984.
- [10] H. Cartan. *Elementary Theory of Analytic Functions of One or Several Complex Variables*. Dover Books on Mathematics. Dover Publications, 2013. ISBN 9780486318677. URL <https://books.google.it/books?id=xUHDAgAAQBAJ>.
- [11] Mariano Giaquinta and Giuseppe Modica. *Analisi Matematica I. Funzioni di una variabile*. Pitagora Editrice Bologna, 1999. ISBN 9788837110499.
- [12] P.R. Halmos. *Naive Set Theory*. Undergraduate Texts in Mathematics. Springer New York, 2013. ISBN 9781475716450. URL https://books.google.it/books?id=jV_aBwAAQBAJ.
- [13] H. Herrlich. *Axiom of Choice*. Axiom of Choice. Springer, 2006. ISBN 9783540309895. URL <https://books.google.it/books?id=JXlIGGmQ4ZAC>.
- [14] D. Hilbert, E.J. Townsend, and E. Jerome. *The Foundations of Geometry*. Project Gutenberg. Project Gutenberg., 2004. URL <https://www.gutenberg.org/ebooks/17384>.
- [15] P.G. Hinman. *Fundamentals of Mathematical Logic*. Taylor & Francis, 2005. ISBN 9781568812625. URL <https://books.google.it/books?id=xAD8o72qAgC>.
- [16] T. Jech. *Set Theory: The Third Millennium Edition, revised and expanded*. Springer Monographs in Mathematics. Springer Berlin Heidelberg, 2007. ISBN 9783540447610. URL <https://books.google.it/books?id=CzB-CAAQBAJ>.
- [17] J.L. Kelley. *General Topology*. Graduate Texts in Mathematics. Springer New York, 1975. ISBN 9780387901251. URL <https://books.google.it/books?id=-goleb90v3oC>.
- [18] K. Knopp. *Theory and Application of Infinite Series*. Dover Books on Mathematics. Dover Publications, 2013. ISBN 9780486318615. URL https://books.google.it/books?id=ac_DAgAAQBAJ.
- [19] Steven G. Krantz. *The Axiom of Choice*, pages 121–126. Birkhäuser Boston, Boston, MA, 2002. ISBN 978-1-4612-0115-1. DOI: [10.1007/978-1-4612-0115-1_9](https://doi.org/10.1007/978-1-4612-0115-1_9).
- [20] Azriel Levy. The independence of various definitions of finiteness. *Fundamenta Mathematicae*, 46:1–13, 1958. DOI: [10.4064/fm-46-1-1-13](https://doi.org/10.4064/fm-46-1-1-13). URL <https://api.semanticscholar.org/CorpusID:118218255>.
- [21] G. H. Meisters. Polygons have ears. *The American Mathematical Monthly*, 82(6):648–651, 1975. ISSN 00029890, 19300972. DOI: [10.2307/2319703](https://doi.org/10.2307/2319703).
- [22] Jan Mycielski. A system of axioms of set theory for the rationalists. volume 53, pages 206–213, 2006. URL <https://www.ams.org/journals/notices/200602/200602FullIssue.pdf>.
- [23] Livio C. Piccinini, Giovanni Vidossich, and Guido Stampacchia. *Equazioni differenziali ordinarie in R^N (problemi e metodi)*. Liguori Editore, 1978.
- [24] ———. *Ordinary Differential Equations in R^n* . Springer, 1984. ISBN 978-0-387-90723-9. DOI: [10.1007/978-1-4612-5188-0](https://doi.org/10.1007/978-1-4612-5188-0).
- [25] H. Rubin and J.E. Rubin. *Equivalents of the Axiom of Choice, II*. ISSN. Elsevier Science, 1985. ISBN 9780080887654. URL <https://books.google.it/books?id=LsSbBU9FesQC>.
- [26] Walter Rudin. *Principles of Mathematical Analysis*. McGraw-Hill, New York, 3rd edition, 1964.
- [27] Alfred Taitelbaum-Tarski. Sur quelques théorèmes qui équivalent à l'axiome du choix. *Fundamenta Mathematicae*, 5(1):147–154, 1924.
- [28] A. E. Taylor. L'Hospital's rule. *The American Mathematical Monthly*, 59(1):20–24, 1952. ISSN 00029890, 19300972. URL <http://www.jstor.org/stable/2307183>.
- [29] Gerald Teschl. *Ordinary differential equations and dynamical systems*, volume 140. American Mathematical Soc., 2012. ISBN 978-0-8218-8328-0. URL <http://www.mat.univie.ac.at/~gerald/ftp/book-ode/index.html>. (Freely available on the author's website).
- [30] Helge Tverberg. A proof of the Jordan curve theorem. *Bulletin of the London Mathematical Society*, 12(1):34–38, 1980. DOI: [10.1112/blms/12.1.34](https://doi.org/10.1112/blms/12.1.34).
- [31] Wikipedia. Preordine — Wikipedia, l'enciclopedia libera, 2015. URL <http://it.wikipedia.org/w/index.php?title=Preordine&oldid=74440486>. [Online; in data 1-dicembre-2022].
- [32] ———. Mathematical morphology — Wikipedia, the free encyclopedia, 2016. URL https://en.wikipedia.org/w/index.php?title=Mathematical_morphology&oldid=714099245. [Online; accessed 24-July-2016].
- [33] ———. Tautologia — Wikipedia, l'enciclopedia libera, 2016. URL <http://it.wikipedia.org/w/index.php?title=Tautologia&oldid=81165325>. [Online; in data 29-luglio-2016].
- [34] ———. Teoria degli insiemi di Zermelo-Fraenkel — Wikipedia, l'enciclopedia libera, 2016. URL https://it.wikipedia.org/w/index.php?title=Teoria_degli_insiemi_di_Zermelo-Fraenkel&oldid=82731028. [Online; in data 19-ottobre-2016].
- [35] ———. Teoria ingenua degli insiemi — Wikipedia, l'enciclopedia libera, 2016. URL https://it.wikipedia.org/w/index.php?title=Teoria_ingenua_degli_insiemi&oldid=82742337. [Online; in data 18-ottobre-2016].
- [36] ———. Strictly convex space — Wikipedia, the free encyclopedia, 2018. URL https://en.wikipedia.org/w/index.php?title=Strictly_convex_space&oldid=861198993. [Online; accessed 15-maggio-2023].
- [37] ———. Insieme diretto — Wikipedia, l'enciclopedia libera, 2019. URL https://it.wikipedia.org/w/index.php?title=Insieme_diretto&oldid=102088385. [Online; in data 25-novembre-2022].
- [38] ———. Rete (matematica) — Wikipedia, l'enciclopedia libera, 2019. URL [http://it.wikipedia.org/w/index.php?title=Rete_\(matematica\)&oldid=105548311](http://it.wikipedia.org/w/index.php?title=Rete_(matematica)&oldid=105548311). [Online; in data 14-dicembre-2022].
- [39] ———. Assiomi di Peano — Wikipedia, l'enciclopedia libera, 2020. URL http://it.wikipedia.org/w/index.php?title=Assiomi_di_Peano&oldid=113892321. [Online; in data 13-novembre-2022].
- [40] ———. Spazio di Baire — wikipedia, l'enciclopedia libera, 2020. URL http://it.wikipedia.org/w/index.php?title=Spazio_di_Baire&oldid=112747513. [Online; in data 3-maggio-2023].
- [41] ———. Teorema di Hurwitz (teoria dei numeri) — Wikipedia, l'enciclopedia libera, 2020. URL [http://it.wikipedia.org/w/index.php?title=Teorema_di_Hurwitz_\(teoria_dei_numeri\)&oldid=110293279](http://it.wikipedia.org/w/index.php?title=Teorema_di_Hurwitz_(teoria_dei_numeri)&oldid=110293279). [Online; in data 30-novembre-2022].
- [42] ———. Dominio d'integrità — Wikipedia, l'enciclopedia libera, 2021. URL http://it.wikipedia.org/w/index.php?title=Dominio_d'integrità&oldid=118873859. [Online; in data 16-novembre-2022].
- [43] ———. Identità di Bézout — Wikipedia, l'enciclopedia libera, 2021. URL http://it.wikipedia.org/w/index.php?title=Identità_di_Bézout&oldid=121969472. [Online; in data 30-novembre-2022].
- [44] ———. Ordered ring — Wikipedia, the free encyclopedia, 2021. URL https://en.wikipedia.org/w/index.php?title=Ordered_ring&oldid=1035305291. [Online; accessed 16-November-2022].
- [45] ———. Teorema di Heine-Borel — Wikipedia, l'enciclopedia libera, 2021. URL http://it.wikipedia.org/w/index.php?title=Teorema_di_Heine-Borel&oldid=124237381. [Online; in data 7-agosto-2023].
- [46] ———. Two ears theorem — Wikipedia, the free encyclopedia, 2021. URL https://en.wikipedia.org/w/index.php?title=Two_ears_theorem&oldid=1024888322. [Online; accessed 13-novembre-2022].
- [47] ———. Accumulation point — Wikipedia, the free encyclopedia, 2022. URL https://en.wikipedia.org/w/index.php?title=Accumulation_point&oldid=1097360512. [Online; accessed 29-dicembre-2022].
- [48] ———. Assioma di separazione — Wikipedia, l'enciclopedia libera, 2022. URL https://it.wikipedia.org/w/index.php?title=Assioma_di_separazione&oldid=130583681. [Online; in data 6-gennaio-2023].
- [49] ———. Base (topologia) — Wikipedia, l'enciclopedia libera, 2022. URL [http://it.wikipedia.org/w/index.php?title=Base_\(topologia\)&oldid=130588263](http://it.wikipedia.org/w/index.php?title=Base_(topologia)&oldid=130588263). [Online; in data 8-agosto-2023].
- [50] ———. Cantor's intersection theorem — Wikipedia, the free encyclopedia, 2022. URL https://en.wikipedia.org/w/index.php?title=Cantor's_intersection_theorem&oldid=1127277305. [Online; accessed 28-giugno-2023].
- [51] ———. Derivazione delle funzioni iperboliche — Wikipedia, l'enciclopedia libera, 2022. URL http://it.wikipedia.org/w/index.php?title=Derivazione_delle_funzioni_iperboliche&oldid=128089918. [Online; in data 23-luglio-2023].
- [52] ———. Hurwitz's theorem (composition algebras) — Wikipedia, the free encyclopedia, 2022. URL [https://en.wikipedia.org/w/index.php?title=Hurwitz's_theorem_\(composition_algebras\)&oldid=1092800573](https://en.wikipedia.org/w/index.php?title=Hurwitz's_theorem_(composition_algebras)&oldid=1092800573). [Online; accessed 14-novembre-2022].
- [53] ———. Resultant — Wikipedia, the free encyclopedia, 2022. URL <https://en.wikipedia.org/w/index.php?title=Resultant&oldid=1105451284>. [Online; accessed 1-dicembre-2022].
- [54] ———. Topologist's sine curve — wikipedia, the free encyclopedia, 2022. URL https://en.wikipedia.org/w/index.php?title=Topologist_s_sine_curve&oldid=1116036369. [Online; accessed 24-aprile-2023].
- [55] ———. Axiom of choice — Wikipedia, the free encyclopedia, 2023. URL https://en.wikipedia.org/w/index.php?title=Axiom_of_choice&oldid=1173520442. [Online; accessed 28-September-2023].
- [56] ———. Baker–Campbell–Hausdorff formula — Wikipedia, the free encyclopedia, 2023. URL https://en.wikipedia.org/w/index.php?title=Baker-Campbell-Hausdorff_formula&oldid=1168221703. [Online; accessed 7-agosto-2023].
- [57] ———. Big O notation — Wikipedia, the free encyclopedia, 2023. URL https://en.wikipedia.org/w/index.php?title=Big_O_notation&oldid=1161509085. [Online; accessed 24-giugno-2023].
- [58] ———. Cantor set — Wikipedia, the free encyclopedia, 2023. URL https://en.wikipedia.org/w/index.php?title=Cantor_set&oldid=1166344861. [Online; accessed 10-agosto-2023].
- [59] ———. Curva di Koch — Wikipedia, l'enciclopedia libera, 2023. URL http://it.wikipedia.org/w/index.php?title=Curva_di_Koch&oldid=131755745. [Online; in data 4-maggio-2023].
- [60] ———. Determinant — Wikipedia, the free encyclopedia, 2023. URL <https://en.wikipedia.org/w/index.php?title=Determinant&oldid=1169031704>. [Online; accessed 10-agosto-2023].
- [61] ———. Faà di Bruno's formula — Wikipedia, the free encyclopedia, 2023. URL https://en.wikipedia.org/w/index.php?title=Faa_di_Bruno_s_formula&oldid=1160739646. [Online; accessed 19-giugno-2023].
- [62] ———. Funzione ϕ di Eulero — Wikipedia, l'enciclopedia libera, 2023. URL http://it.wikipedia.org/w/index.php?title=Funzione_phi_di_Eulero&oldid=131987983. [Online; in data 3-maggio-2023].
- [63] ———. Hermite interpolation — Wikipedia, the free encyclopedia, 2023. URL https://en.wikipedia.org/w/index.php?title=Hermite_interpolation&oldid=1131496413. [Online; accessed 2-luglio-2023].
- [64] ———. Inverse hyperbolic functions — Wikipedia, the free encyclopedia, 2023. URL https://en.wikipedia.org/w/index.php?title=Inverse_hyperbolic_functions&oldid=1155572731. [Online; accessed 26-maggio-2023].
- [65] ———. Mazur–Ulam theorem — Wikipedia, the free encyclopedia, 2023. URL https://en.wikipedia.org/w/index.php?title=Mazur-Ulam_theorem&oldid=1169902092. [Online; accessed 29-August-2023].
- [66] ———. Natural density — Wikipedia, the free encyclopedia, 2023. URL https://en.wikipedia.org/w/index.php?title=Natural_density&oldid=1152033872. [Online; accessed 7-agosto-2023].
- [67] ———. Poligono — Wikipedia, l'enciclopedia libera, 2023. URL <http://it.wikipedia.org/w/index.php?title=Poligono&oldid=134370006>. [Online; in data 10-agosto-2023].
- [68] ———. Punto di discontinuità — Wikipedia, l'enciclopedia libera, 2023. URL http://it.wikipedia.org/w/index.php?title=Punto_di_discontinuità&oldid=132026126. [Online; in data 18-maggio-2023].
- [69] ———. Rank (linear algebra) — Wikipedia, the free encyclopedia, 2023. URL [https://en.wikipedia.org/w/index.php?title=Rank_\(linear_algebra\)&oldid=1142781860](https://en.wikipedia.org/w/index.php?title=Rank_(linear_algebra)&oldid=1142781860). [Online; accessed 10-agosto-2023].
- [70] ———. Regola del prodotto — Wikipedia, l'enciclopedia libera, 2023. URL http://it.wikipedia.org/w/index.php?title=Regola_del_prodotto&oldid=133241954. [Online; in data 19-giugno-2023].
- [71] ———. Regola di De l'Hôpital — Wikipedia, the free encyclopedia, 2023. URL http://it.wikipedia.org/w/index.php?title=Regola_di_de_l'Hopital&oldid=134135629. [Online; in data 16-settembre-2023].
- [72] ———. Teorema di Lagrange — Wikipedia, l'enciclopedia libera, 2023. URL http://it.wikipedia.org/w/index.php?title=Teorema_di_Lagrange&oldid=133646261. [Online; in data 16-settembre-2023].
- [73] ———. Teorema di Taylor — Wikipedia, l'enciclopedia libera, 2023. URL http://it.wikipedia.org/w/index.php?title=Teorema_di_Taylor&oldid=132628671. [Online; in data 16-settembre-2023].
- [74] ———. Valutazione p-adica — Wikipedia, l'enciclopedia libera, 2023. URL http://it.wikipedia.org/w/index.php?title=Valutazione_p-adica&oldid=131981334. [Online; in data 3-maggio-2023].
- [75] Laurent Younes, Peter W. Michor, Jayant Shah, and David Mumford. A metric on shape space with explicit geodesics. *Atti Accad. Naz. Lincei Cl. Sci. Fis. Mat. Natur. Rend. Lincei (9) Mat. Appl.*, 19(1):25–57, 2008. ISSN 1120-6330. DOI: [10.4171/RLM/506](https://doi.org/10.4171/RLM/506).