

Exacte wetenschappen. Aanwinsten van UA — Periode 2003/12

Logica

Language, truth and logic / Alfred Jules Ayer. — 2 ed. — London : Gollancz, 1964. — 160 p.

RUCA: WIS 16 G-AYER 64

Transfinite Zahlen / Heinz Bachmann. — Berlin : Springer, 1955. — 204 p. — (Ergebnisse der Mathematik und ihrer Grenzgebiete: neue Folge ; 1)

RUCA: WIS 164 G-BACH 55

The lambda calculus: its syntax and semantics / Hendrik Pieter Barendregt. — 2 ed. — Amsterdam : North-Holland, 1985. — 621 p. — (Studies in logic and the foundations of mathematics ; 103). — ISBN 0-444-87508-5

RUCA: WIS 164 G-BARE 55

The foundations of mathematics: a study in the philosophy of science / Evert Willem Beth. — New York : Harper and Row, 1966. — 741 p.

RUCA: WIS 164 G-BETH 66

Meaning and necessity: a study in semantics and modal logic / Rudolf Carnap. — Chicago, Ill. : University of Chicago Press, 1958. — 258 p. — (Phoenix books ; 30). — ISBN 0-226-09346-8

RUCA: WIS 164 G-CARN 58

UFSIA: SG-A-III 0.3/CARN 1

Model theory / C.C. Chang ; H.J. Keisler. — 3 ed. — Amsterdam : North-Holland, 1991. — 650 p. — (Studies in logic and the foundations of mathematics ; 73). — ISBN 0-444-88054-2

RUCA: WIS 164 G-CHAN 91

Les principes des mathématiques, avec un appendice sur la philosophie des mathématiques de Kant / Louis Couturat. — Paris : Blanchard, 1980. — 340 p.

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Combinatory logic / Haskell B. Curry ; Robert Feys ; William Craig. — 3 ed. — Amsterdam : North-Holland, 1974. — 2 v. — (Studies in logic and the foundations of mathematics)

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Foundations of set theory / Abraham A. Fraenkel ; Yehoshua Bar-Hillel ; Azriel Levy ; [medew.] Dirk van Dalen. — 2 ed. — Amsterdam : North-Holland, 1984. — 404 p. — (Studies in logic and the foundations of mathematics ; 67). — ISBN 0-7204-2270-1

RUCA: WIS 164 G-FRAE 84

Theory of relations / Roland Fraïssé. — Amsterdam : North-Holland, 1986. — 397 p. — (Studies in logic and the foundations of mathematics ; 118). — ISBN 0-444-87865-3

RUCA: WIS 164 G-FRAI 86

Kleine Schriften / Gottlob Frege ; [edit.] Ignacio Angelelli. — Hildesheim : Olms, 1967. — 434 p., ill.

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UFSIA: SF-B 5 d 2/FRE 3

Logik: ihr System und ihr Verhältnis zur Logistik / Bruno von Freytag-Löringhoff. — 4 ed. — Stuttgart : Kohlhammer, 1966. — 220 p. — (Urban-Bücher ; 16)

RUCA: WIS 16 G-FREY 66

Handbook of mathematical logic / [edit.] Jon Barwise. — 2 ed. — Amsterdam : North-Holland, 1978. — 1165 p. — (Studies in logic and the foundations of mathematics ; 90). — ISBN 0-7204-2285-X

RUCA: WIS 164 G-BARW 78

Intuitionism: an introduction / A. Heyting. — 3 ed. — Amsterdam : North-Holland, 1980. — 145 p. — (Studies in logic and the foundations of mathematics). — ISBN 0-7204-2239-6

RUCA: WIS 164 G-HEYT 80

Philosophie der Arithmetik: mit ergänzenden Texten (1890-1901) / Edmund Husserl ; [edit.] Lothar Eley. — Den Haag : Nijhoff, 1970. — 585 p. — (Husserliana: gesammelte Werke ; 12)

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Intensional mathematics / [edit.] Stewart Shapiro. — Amsterdam : North-Holland, 1985. — 230 p. — (Studies in logic and the foundations of mathematics ; 113). — ISBN 0-444-87632-4

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Introduction to higher order categorical logic / J. Lambek ; P.J. Scott. — Cambridge : Cambridge University Press, 1988. — 293 p. — (Cambridge studies in advanced mathematics ; 7). — ISBN 0-521-35653-9

RUCA: WIS 512.66 G-LAMB 88

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Symbolic logic and the real number system: an introduction to the foundations of number systems / A.H. Lightstone. — New York : Harper & Row, 1966. — 225 p. — LC 66-10605

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Systems of logic / Norman M. Martin. — Cambridge : Cambridge University Press, 1989. — 318 p. — ISBN 0-521-36770-0

RUCA: WIS 164 G-MART 89

Modality / Joseph Melia. — Chesham : Acumen, 2003. — 190 p. — (Central problems of philosophy ; 2003: 3). — ISBN 1-902683-47-1

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On the syllogism and other logical writings / Augustus de Morgan ; [edit.] Peter Heath. — London : Routledge and Kegan, 1966. — 355 p.

RUCA: WIS 164 G-MORG 66

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Classical recursion theory: the theory of functions and sets of natural numbers / Piergiorgio Odifreddi. — Amsterdam : North-Holland, 1989. — 668 p. — (Studies in logic and the foundations of mathematics ; 125). — ISBN 0-444-87295-7

RUCA: WIS 164 G-ODIF 89

Aristotle on false reasoning: language and the world in the Sophistical refutations / Scott G. Schreiber. — Albany, N.Y. : State University of New York Press, 2003. — 248 p. — (SUNY series in ancient Greek philosophy ; 2003: 1). — ISBN 0-7914-5660-9

UIA: GER 16 N-ARIS-SCHR 2003

Constructivism in mathematics: an introduction / Anne Sjerp Troelstra ; Dirk van Dalen. — Amsterdam : North-Holland, 1988. — 342 p. — (Studies in logic and the foundations of mathematics ; 121). — ISBN 0-444-70506-6

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Statistiques pour l'économie et la gestion / David R. Anderson ; Dennis J. Sweeney ; Thomas A. Williams. — Bruxelles : De Boeck Université, 2001. — 779 p. — (Ouvertures économiques: série prémisses ; 2001: 1). — ISBN 2-7445-0121-2

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Statistiques pour l'économie et la gestion / David R. Anderson ; Dennis J. Sweeney ; Thomas A. Williams. — Bruxelles : De Boeck Université, 2001. — 779 p. — (Ouvertures économiques: série prémisses ; 2001: 1). — ISBN 2-7445-0121-2

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Applied evolutionary economics: new empirical methods and simulation techniques / [edit.] Pier Paolo Saviotti. — Cheltenham : Elgar, 2003. — 349 p. — ISBN 1-84064-847-3

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Asymptotic methods for wave and quantum problems / [edit.] M.V. Karasev. — Providence, R.I. : American Mathematical Society, 2003. — 284 p. — ISBN 0-8218-3336-7

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Martingales and Markov chains: solved exercises and elements of theory / Paolo Baldi ; Laurent Mazliak ; Pierre Priouret. — Boca Raton, Fla : Chapman & Hall/CRC, 2002. — 192 p. — ISBN 1-58488-329-4

RUCA: WIS 519.2 G-BALD 2002

Théorie des opérations linéaires / Stefan Banach. — 2 ed. — New York : Chelsea, 1978. — 259 p. — ISBN 0-8284-0110-1

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Optimal control and viscosity solutions of Hamilton-Jacobi-Bellman equations / Martino Bardi ; Italo Capuzzo-Dolcetta. — Boston, Mass. : Birkhäuser, 1997. — 570 p. — (Systems & control: foundations & applications ; 1997: 1). — ISBN 0-8176-3640-4

RUCA: WIS 518.6 G-BARD 97

Statistics: problems and solutions / E.E. Bassett ; J.M. Bremmer ; I.T. Jolliffe ; e.a. — 2 ed. — Singapore : World Scientific, 2000. — 227 p. — ISBN 981-02-4293-X

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Graphs / Claude Berge. — 2 ed. — Amsterdam : North-Holland, 1985. — 413 p. — (North-Holland mathematical library ; 6, 1). — ISBN 0-444-87603-0

RUCA: WIS 518.7 G-BERG 85

A brief survey of modern algebra / Garrett Birkhoff ; Saunders Mac Lane. — New York : Macmillan, 1961. — 276 p.

RUCA: WIS 512 G-BIRK 61

Lattice theory / Garrett Birkhoff. — 3 ed. — Providence, R. I. : American Mathematical Society, 1967. — 418 p. — (American Mathematical Society colloquium publications ; 25). — LC 66-23707

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Non-euclidean geometry: a critical and historical study of its developments / Roberto Bonola ; [medew.] John Bolyai ; e.a. — New York : Dover, 1955. — z.p., ill.

RUCA: WIS 513 G-BONO 55

RUCA: WIN

Gesammelte Abhandlungen mathematischen und philosophischen Inhalts / Georg Cantor. — Berlin : Springer, 1980. — 489 p. — Herdruk in facsimile van uitgave 1932, Berlin. — ISBN 3-540-09849-6

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Cours de calcul différentiel / Henri Cartan. — Paris : Hermann, 1979. — 355 p. — (Méthodes). — ISBN 2-7056-5879-3

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Homological algebra / Henri Cartan ; Samuel Eilenberg. — 6 ed. — London : Cumberlege, 1970. — 390 p. — (Princeton mathematical series ; 19). — ISBN 0-691-07977-3

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Correlation: parametric and nonparametric measures / Peter Y. Chen ; Paula M. Popovich. — Thousand Oaks, Calif. : Sage, 2002. — 95 p. — (Quantitative applications in the social sciences ; 139). — ISBN 0-7619-2228-8

UFSIA: LZ 519.2 F 1:139

Théorie des groupes de Lie: groupes algébriques, théorèmes généraux sur les algèbres de Lie / Claude Chevalley. — Paris : Hermann, 1968. — 418 p. — (Publications de l'Institut de mathématique de l'Université de Nancago ; 1, 4)

RUCA: WIS 513.836 G-CHEV 68

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Classics on fractals / [edit.] Gerald A. Edgar. — Reading, Mass. : Addison-Wesley, 1993. — 366 p. — (Studies in nonlinearity ; 1993: 1). — ISBN 0-201-58701-7

RUCA: WIS 513.7 G-EDGA 93

Essays on the theory of numbers: continuity and irrational numbers, the nature and meaning of numbers / Richard Dedekind. — New York : Dover, 1963. — 115 p. — (Dover books on intermediate and advanced mathematics). — ISBN 0-486-21010-3

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Über die Theorie der ganzen algebraischen Zahlen / Richard Dedekind. — Braunschweig : Vieweg, 1964. — 314 p.

RUCA: WIS 511 G-DEDE 64

RUCA: CB 511 M-B 16.714

Universal algebra and applications in theoretical computer science / Klaus Denecke ; Shelly L. Wismath. — Boca Raton, Fla : Chapman & Hall/CRC, 2002. — 383 p. — ISBN 1-58488-254-9

RUCA: WIN

R-boundedness, Fourier multipliers and problems of elliptic and parabolic type / Robert Denk ; Matthias Hieber ; Jan Prüss. — Providence, R.I. : American Mathematical Society, 2003. — 114 p. — (Memoirs of the American Mathematical Society ; 788). — ISBN 0-8218-3378-2

RUCA: WIS 51 F-MAMS:788

'Wonder en is gheen wonder': de geniale wereld van Simon Stevin 1548-1620 / Jozef T. Devreese ; Guido vanden Berghe. — Leuven : Davidsfonds, 2003. — 342 p., ill. — ISBN 90-5826-174-3

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Les six livres arithmétiques et le livre des nombres polygones / Diophantus Alexandrinus ; [vert.] Paul ver Eecke. — Bruges : Desclé, De Brouwer, 1926. — 299 p.

RUCA: WIS 511 G-DIOP 26

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Théorie des processus markoviens / E.B. Dynkin. — Paris : Dunod, 1963. — 204 p. — (Collection universitaire de mathématiques ; 11)

RUCA: WIS 519.1 G-DYNK 63

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RUCA: WIS 511 G-EBBI 92

Non-Riemannian geometry / Luther Pfahler Eisenhart. — 6 ed. — Providence, R.I. : American Mathematical Society, 1968. — 184 p. — (American Mathematical Society colloquium publications ; 8)

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Riemannian geometry / Luther Pfahler Eisenhart. — 2 ed. — Princeton, N.J. : Princeton University Press, 1949. — 308 p.

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Fourier analysis and its applications / Gerald B. Folland. — Pacific Grove, Calif. : Brooks/Cole, 1992. — 433 p. — (The Wadsworth and Brooks/Cole mathematics series ; 1992: 2). — ISBN 0-534-17094-3

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UFSIA: SF-B 5 d 2/FRE 3

Categories, allegories / Peter J. Freyd ; Andre Scedrov. — Amsterdam : North-Holland, 1990. — 296 p. — (North-Holland mathematical library ; 39). — ISBN 0-444-70368-3

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Écrits et mémoires mathématiques d'Évariste Galois: édition critique intégrale de ses manuscrits et publications / Robert Bourgne ; J.-P. Azra. — Paris : Gauthier-Villars, 1962. — 541 p.

RUCA: WIS 51 G-GALO 62

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Recherches arithmétiques / Carl Friedrich Gauss. — Paris : A. Blanchard, 1953. — 502 p. — Herdruk in facsimile van uitgave 1807

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The theory of probability / B.V. Gnedenko. — 5 ed. — Moscow : Mir, 1982. — 392 p.

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Finite-dimensional vector spaces / Paul R. Halmos. — 2 ed. — New York : Springer, 1974. — 199 p. — (Undergraduate texts in mathematics). — ISBN 0-387-90093-4

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Introduction to higher order categorical logic / J. Lambek ; P.J. Scott. — Cambridge : Cambridge University Press, 1988. — 293 p. — (Cambridge studies in advanced mathematics ; 7). — ISBN 0-521-35653-9

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Algebraic topology / Solomon Lefschetz. — Providence, R.I. : American Mathematical Society, 1968. — 389 p. — (American Mathematical Society colloquium publications ; 27)

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Problems in probability / T.M. Mills. — Singapore : World Scientific, 2001. — 181 p. — (Series on concrete and applicable mathematics ; 2). — ISBN 981-02-4598-X

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Qualitative theory of differential equations / V.V. Nemytskii ; V.V. Stepanov. — New York : Dover, 1989. — 523 p. — ISBN 0-486-65954-2

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RUCA: WIS 51 G-NEWT 85

Topological groups / L. Pontrjagin. — 4 ed. — Princeton : Princeton University Press, 1952. — 299 p.

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Matrix algebra and its applications to statistics and econometrics / Calyampudi Radhakrishna Rao ; M. Bhaskara Rao. — Singapore : World Scientific, 2001. — 535 p. — ISBN 981-02-3268-3

RUCA: WIS 519.2 G-RAO 2001

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Gesammelte mathematische Werke und wissenschaftlicher Nachlass = Collected works, with a supplement / Bernhard Riemann ; [edit.] Heinrich Weber. — 2 ed. — New York : Dover, 1953. — 558 p. — (Dover books on intermediate and advanced mathematics). — LC 53-1712

RUCA: WIS 51 G-RIEM 53

The four-color problem: assaults and conquest / Thomas L. Saaty ; Paul C. Kainen. — New York : Dover, 1986. — 217 p., ill. — (Dover books on advanced mathematics). — ISBN 0-486-65092-8

RUCA: WIS 518.7 G-SAAT 86

Selected papers on analysis and differential equations / [edit.] Katsumi Nomizu. — Providence, R.I. : American Mathematical Society, 2003. — 137 p. — ISBN 0-8218-3508-4

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Confidence intervals / Michael Smithson. — Thousand Oaks, Calif. : Sage, 2003. — 93 p. — (Quantitative applications in the social sciences ; 140). — ISBN 0-7619-2499-X

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Algebraic number theory / Ian Stewart ; David Tall. — 2 ed. — London : Chapman and Hall, 1987. — 262 p. — (Chapman and Hall mathematics series). — ISBN 0-412-29690-X

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The theory of functions / E.C. Titchmarsh. — 2 ed. — Oxford : Oxford University Press, 1960. — 454 p.

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A history of the mathematical theory of probability: from the time of Pascal to that of Laplace / I. Todhunter. — New York : Chelsea, 1949. — 624 p. — Herdruk van uitgave 1865: Cambridge

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The undecidable: basic papers on undecidable propositions, unsolvable problems and computable functions / [edit.] Martin Davis. — Hewlett, N.Y. : Raven, 1965. — 440 p.

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An elementary approach to homological algebra / Lekh R. Vermani. — Boca Raton, Fla : Chapman & Hall/CRC, 2003. — 315 p. — (Chapman & Hall/CRC monographs and surveys in pure and applied mathematics ; 130). — ISBN 1-58488-400-2

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Einführung in die algebraische Geometrie / B.L. Van der Waerden. — 2 ed. — Berlin : Springer, 1973. — 280 p. — (Die Grundlehren der mathematischen Wissenschaften ; 51). — ISBN 3-540-06361-7

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Elliptic curves: number theory and cryptography / Lawrence C. Washington. — Boca Raton, Fla : Chapman & Hall/CRC, 2003. — 428 p. — (Discrete mathematics and its applications ; 2003: 2). — ISBN 1-58488-365-0

RUCA: WIN

Number theory: an approach through history, from Hammurapi to Legendre / André Weil. — Boston : Birkhäuser, 1987. — 375 p. — ISBN 3-7643-3141-0

RUCA: WIS 511 G-WEIL 87

The classical groups: their invariants and representations / Hermann Weyl. — 3 ed. — Princeton, N.J. : Princeton University Press, 1973. — 320 p. — (Princeton mathematical series ; 1). — ISBN 0-691-07923-4

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The theory of groups / Hans J. Zassenhaus. — New York : Chelsea, 1949. — 159 p.

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Consistent quantum theory / Robert B. Griffiths. — Cambridge : Cambridge University Press, 2002. — 391 p. — ISBN 0-521-80349-7

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Yang-Mills measure on compact surfaces / Thierry Lévy. — Providence, R.I. : American Mathematical Society, 2003. — 122 p. — (Memoirs of the American Mathematical Society ; 790). — ISBN 0-8218-3429-0

RUCA: WIS 51 F-MAMS:790

Fractals, chaos, power laws: minutes from an infinite paradise / Manfred Schroeder. — New York : Freeman, 1991. — 429 p. — ISBN 0-7167-2136-8

RUCA: WIS 530.02 G-SCHR 91

The classical groups: their invariants and representations / Hermann Weyl. — 3 ed. — Princeton, N.J. : Princeton University Press, 1973. — 320 p. — (Princeton mathematical series ; 1). — ISBN 0-691-07923-4
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Microwaves in organic synthesis / [edit.] André Loupy. — 2 ed. — Weinheim : Wiley-VCH, 2003. — 499 p. — ISBN 3-527-30514-9
RUCA: SCHK-BMAES

Chemistry in the marketplace / Ben Selinger. — 5 ed. — Crows Nest : Allen & Unwin, 2002. — 588 p. — ISBN 1-86508-255-4
RUCA: SCHK-DESSE

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Essential mathematical biology / Nicholas F. Britton. — London : Springer, 2003. — 335 p. — (Springer undergraduate mathematics series ; 2003: 2). — ISBN 1-85233-536-X
RUCA: WIN

The identification of testate amoebae (protozoa: rhizopoda) in peats / Dan J. Charman ; Dawn Hendon ; Wndy A. Woodland. — London : Quaternary Research Association, 2000. — 147 p. — ISBN 0-907780-48-2
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Design and analysis of ecological experiments / [edit.] Samuel M. Scheiner ; [edit.] Jessica Gurevitch. — 2 ed. — Oxford : Oxford University Press, 2001. — 415 p. — ISBN 0-19-513187-8
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