

# Exacte wetenschappen. Aanwinsten van UA — Periode 2002/02

## Logica

*The structure of arguments* / Izchak M. Schlesinger ; Tamar Keren-Portnoy ; Tamar Parush. — Amsterdam : Benjamins, 2001. — 263 p. — (Human cognitive processing ; 7). — ISBN 90-272-2359-9

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## Wiskunde

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*Bioinformatics: the machine learning approach* / Pierre Baldi ; Søren Brunak. — 2 ed. — Cambridge, Mass. : MIT Press, 2001. — 452 p., ill. — (Adaptive computation and machine learning ; 2001: 2). — ISBN 0-262-02506-x

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*Decrypted secrets: methods and maxims of cryptology* / Friedrich L. Bauer. — 2 ed. — Berlin : Springer, 2000. — 470 p. — ISBN 3-540-66871-3

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*Introduction to stochastic programming* / John R. Birge ; François Louveaux. — 2 ed. — New York, N.Y. : Springer, 1999. — 421 p. — (Springer series in operations research ; 1999: 1). — ISBN 0-387-98217-5

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*Modeling monetary economies* / Bruce Champ ; Scott Freeman. — Cambridge : Cambridge University Press, 2001. — 325 p. — ISBN 0-521-78974-5

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*Nonlinear time series models in empirical finance* / Philip Hans Franses ; Dick van Dijk. — Cambridge : Cambridge University Press, 2000. — 280 p. — ISBN 0-521-77965-0

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RUCA: CB 658 M-B 44.032

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*Matrix theory and applications with MATLAB* / Darald J. Hartfiel. — Boca Raton, Fla : CRC Press, 2001. — 371 p. — ISBN 1-58488-108-9

UIA: WIS 518.3 G-HART 2001

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*Robust discrete optimization and its applications* / Panos Kouvelis ; Gang Yu. — Dordrecht : Kluwer Academic, 1997. — 356 p. — (Nonconvex optimization and its applications ; 14). — ISBN 0-7923-4291-7

RUCA: CB 518 M-B 43.965

*Introduction to stochastic processes* / Gregory F. Lawler. — Boca Raton : CRC Press, 2000. — 176 p. — (Chapman and Hall probability series ; 2000: 1). — ISBN 0-412-99511-5

RUCA: CB 519 M-B 44.015

*Computational statistics handbook with MATLAB* / Wendy L. Martinez ; Angel R. Martinez. — Boca Raton, Fla : Chapman & Hall/CRC, 2002. — 591 p., ill. — ISBN 1-58488-229-8

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UIA: WIS 519.2 G-MART 2002

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RUCA: CB 65 M-B 43.996

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UIA: WIS 518.1 G-QUAR 97

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UIA: WIS 51 G-WEIS 99

## Sterrenkunde

*Cosmology and particle astrophysics* / Lars Bergström ; Ariel Goobar. — Chichester : Wiley, 1999. — 344 p., ill. — (Wiley-Praxis series in astronomy and astrophysics ; 1999: 1). — ISBN 0-471-97042-5

UIA: NAT 523.1 G-BERG 99

*The formation of binary stars: proceedings of the 200th Symposium of the International Astronomical Union held in Potsdam, Germany, 10-15 April 2000* / [edit.] Hans Zinnecker ; [edit.] Robert D. Mathieu. — San Francisco, Calif. : Astronomical Society of the Pacific, 2001. — 601 p. — (ASP conference series ; 2001: 1). — ISBN 1-58381-068-4

RUCA: WIN

## Natuurkunde

*Mathematical methods for physicists* / George Brown Arfken ; Hans-Jurgen Weber. — 5 ed. — San Diego : Harcourt/Academic Press, 2001. — 1112 p. — ISBN 0-12-059825-6

RUCA: SCHK-VDVEK

*Electron energy loss spectroscopy* / Rik Brydson. — Oxford : BIOS, 2001. — 137 p. — (Microscopy handbooks ; 48). — ISBN 1-85996-134-7

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UFSIA: LZ 912 L-B-BRUN 95:11

*Optical properties of solids* / Mark Fox. — Oxford : Oxford University Press, 2001. — 305 p. — (Oxford master series in condensed matter physics ; 2001: 1). — ISBN 0-19-850612-0 ; ISBN 0-19-850613-9

RUCA: SCHK-VDVEK

*An introduction to electronic and ionic materials* / Wei Gao ; Nigel M. Sammes. — 2 ed. — Singapore : World Scientific, 2000. — 357 p. — ISBN 981-02-3473-2

RUCA: SCHK-NAGEL

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*An introduction to particle accelerators* / Edward J.N. Wilson. — Oxford : Oxford University Press, 2001. — 252 p., ill. — ISBN 0-19-852054-9

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## Scheikunde

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UIA: FAR 615 E-AMBX

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UIA: FAR 615.31 G-SWAR 2000

*Structure and bonding* / Jack Barrett. — Cambridge : Royal Society of Chemistry, 2001. — 181 p. — (Tutorial chemistry texts ; 5). — ISBN 0-85404-647-X

RUCA: SCHK-DESSE

*Analytical atomic spectrometry with flames and plasmas* / José A.C. Broekaert. — Weinheim : Wiley-VCH, 2002. — 364 p., ill. — ISBN 3-527-30146-1

UIA: SCHK 543.4 G-BROE 2002

*Electron energy loss spectroscopy* / Rik Brydson. — Oxford : BIOS, 2001. — 137 p. — (Microscopy handbooks ; 48). — ISBN 1-85996-134-7

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*The Merck index: an encyclopedia of chemicals, drugs, and biologicals* / [edit.] Susan Budavari ; [edit.] Maryadele J. O'Neil ; [edit.] Ann Smith ; e.a. — 13 ed. — Whitehouse Station, N.J. : Merck, 2001. — 1818 p., ill. — ISBN 0-911910-13-1

UIA: GEN 615.11 BB-BUDA 2001

*Electrostatics of atoms and molecules* / Shridhar R. Gadre ; Rajendra N. Shirsat. — Hyderabad : Universities Press, 2000. — 134 p., ill. — (Educational monographs ; 2000: 1). — ISBN 81-7371-296-4

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RUCA: FARMA-LAGRO

*Polymer surfaces, interfaces and thin films* / [edit.] Alamgir Karim ; [edit.] Sanat Kumar. — Singapore : World Scientific, 2000. — 294 p. — ISBN 981-02-3864-9

RUCA: SCHK-NAGEL

*Quality control methods for medicinal plant materials*. — Geneva : World Health Organization, 1998. — 115 p., ill. — ISBN 92-4-154510-0

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RUCA: BIO

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RUCA: SCHK-DOMMI

*The extraordinary chemistry of ordinary things* / Carl H. Snyder. — 3 ed. — New York, N.Y. : Wiley, 1998. — 656 p., ill. — ISBN 0-471-17905-1  
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## Geologie. Aardwetenschappen

*Analytical atomic spectrometry with flames and plasmas* / José A.C. Broekaert. — Weinheim : Wiley-VCH, 2002. — 364 p., ill. — ISBN 3-527-30146-1  
UIA: SCHK 543.4 G-BROE 2002

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*The grip of gravity: the quest to understand the laws of motion and gravitation* / Prabhakar Gondhalekar. — Cambridge : Cambridge University Press, 2001. — 358 p., ill. — ISBN 0-521-80316-0  
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## Biologie. Biochimie. Biofysica

*Eutrophication in Europe's coastal waters* / Gunni Aertebjerg ; Jacob Carstensen ; Karsten Dahl ; e.a. — Luxembourg : EUR-OP, 2001. — 115 p., ill. — (Topic report ; 2001: 7). — ISBN 92-9167-327-7  
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*Evolutionary ecology of birds: life histories, mating systems, and extinction* / Peter M. Bennett ; Ian P.F. Owens. — Oxford : Oxford University Press, 2002. — 278 p., ill. — (Oxford series in ecology and evolution ; 2002: 1). — ISBN 0-19-851088-8  
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RUCA: FARMA-LAGRO

*Concise handbook of experimental methods for the behavioral and biological sciences* / Jay E. Gould. — Boca Raton, Fla : CRC Press, 2002. — 430 p. — ISBN 0-8493-1104-7

UIA: BIO 57 G-GOUL 2002

*Guide to cytochromes P450: structure and function* / David F.V. Lewis. — London : Taylor & Francis, 2001. — 215 p. — ISBN 0-748-40897-5

UIA: FAR 577.15 G-LEWI 2001

*Molecular biology in medicine* / [edit.] Timothy M. Cox ; [edit.] John Sinclair. — 2 ed. — Oxford : Blackwell, 1998. — 340 p., ill. — ISBN 0-632-02785-1

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*Neurobehavioral genetics: methods and applications* / [edit.] Byron C. Jones ; [edit.] Pierre Mormède. — Boca Raton, Fla : CRC Press, 1999. — 396 p. — ISBN 0-8493-3364-4

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UIA: GER 681.3 G-PEVZ 2001

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*The mystery of life's origin: reassessing current theories* / Charles B. Thaxton ; Walter L. Bradley ; Roger L. Olsen. — 2 ed. — Dallas, Texas : Lewis and Stanley, 1992. — 228 p. — ISBN 0-929510-02-8

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*Clinical biochemistry: techniques and instrumentation* / John S. Varcoe. — Singapore : World Scientific, 2001. — ISBN 981-02-4556-4

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## Plantkunde

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UFSIA: MAG-B 49409

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*Árboles y arbustos del bosque mesófilo de montaña de la Reserva El Cielo, Tamaulipas, México* / Henri Puig. — Xalapa, Ver. : Instituto de Ecología, 1993. — 84 p., ill. — ISBN 968-7213-50-7

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## Dierkunde

*WHO/OIE manual on echinococcosis in humans and animals: a public health problem of global concern* / [edit.] J. Eckert ; [edit.] M.A. Gemmell ; [edit.] F.-X. Meslin ; a.o. — Paris : World Organisation for Animal Health, 2001. — 265 p. — ISBN 92-9044-522-X

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*... Y el desierto se volvió verde: movimientos ambientalistas binacionales: Ciudad Juárez - El Paso* / Mariam Alfie Cohen. — México, D.F. : UAM, 1998. — 162 p. — (Colección Libros de el Cotidiano ; 1998: 1). — ISBN 970-654-104-7

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*Avian incubation: behaviour, environment, and evolution* / [edit.] D.C. Deeming. — Oxford : Oxford University Press, 2002. — 421 p., ill. — (Oxford ornithology series ; 13). — ISBN 0-19-850810-7

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*Behavioural ecology of teleost fishes* / [edit.] Jean-Guy J. Godin. — Oxford : Oxford University Press, 1997. — 384 p., ill. — ISBN 0-19-850503-5

UIA: BIO 597 G-GODI 97

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UIA: BIO 591.18 G-KAND 95

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UIA: BIO 577.4 G-FOX 2001

*Zoetwatervissen van Europa* / Roland Gerstmeier ; Thomas Romig. — Baarn : Tirion, 1998. — 368 p., ill. — ISBN 90-5210-369-0

RUCA: BIORUIM

*Concise handbook of experimental methods for the behavioral and biological sciences* / Jay E. Gould. — Boca Raton, Fla : CRC Press, 2002. — 430 p. — ISBN 0-8493-1104-7

UIA: BIO 57 G-GOUL 2002

*Ecologische atlas van de Nederlandse wadvogels* / Jan van de Kam ; Bruno Ens ; Theunis Piersma ; e.a. — Haarlem : Schuyt, 1999. — 368 p., ill. — ISBN 90-6097-509-X

UIA: BIO-MEIR

*La diversidad biológica de Iberoamérica* / [comp.] Gonzalo Halffter. — Xalapa, Ver. : Instituto de Ecología, 1998. — 3 v. — (Acta zoológica mexicana: nueva serie ; 1998). — ISBN 968-7863-34-X ; ISBN 968-7863-36-6

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*From neuron to brain* / John G. Nicholls ; A. Robert Martin ; Bruce G. Wallace ; a.o. — 4 ed. — Sunderland, Mass. : Sinauer, 2001. — 580 p., ill. — ISBN 0-87893-439-1

RUCA: TEWO-WEYNS

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*Polar bears: living with the white bear* / Nikita Ovsyanikov. — Stillwater, Me : Voyageur Press, 1996. — 144 p., ill. — ISBN 0-89658-426-7

UIA: BIO-NIJS

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*Cognition, evolution, and behavior* / Sara J. Shettleworth. — New York : Oxford University Press, 1998. — 688 p., ill. — ISBN 0-19-511047-1

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*Common names of mammals of the world* / Don E. Wilson ; F. Russell Cole. — Washington, D.C. : Smithsonian Institution Press, 2000. — 204 p. — ISBN 1-56098-383-3

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*Demonic males: apes and the origins of human violence* / Richard Wrangham ; Dale Peterson. — London : Bloomsbury, 1997. — 350 p. — ISBN 0-7475-3301-6

UIA: BIO 591.5 G-WRAN 97

## Ingenieurswetenschappen

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RUCA: COL 62 M-B 44.024

*An introduction to electronic and ionic materials* / Wei Gao ; Nigel M. Sammes. — 2 ed. — Singapore : World Scientific, 2000. — 357 p. — ISBN 981-02-3473-2

RUCA: SCHK-NAGEL

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RUCA: CBG 62 N 3

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UIA: WIS 518.1 G-JANS 2001

*Het nucleaire in de Vlaamse media: een kwalitatieve inhoudsanalyse van de verslaggeving over het eerste transport van hoogradioactief afval* / Kristien Laeveren ; Dimitri Mortelmans. — Antwerpen : UIA, Departement Politieke en Sociale Wetenschappen, 2001. — 29 p. — (PSW-papers ; 2001: 9)

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## Relatie energie-economie

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