

Exacte wetenschappen. Aanwinsten van UA — Periode 2012/09

Logica

Logic / J.C. Beall. — Abingdon : Routledge, 2010. — 184 p. — (The basics ; 2010: 2). — ISBN 978-0-415-77498-7 ; ISBN 978-0-415-77499-4 ; ISBN 978-0-203-85155-5
UA-CST: FILO 16 G-BEAL 2010

Faith and rationality : reason and belief in God / [edit.] Alvin Plantinga ; [edit.] Nicholas Wolterstorff. — Notre Dame, Ind. : University of Notre Dame Press, 2009. — 321 p. — ISBN 978-0-268-00965-6 ; ISBN 978-0-268-00964-9 ; LC 83014843
UA-CST: FILO 20 G-PLAN 2009

AS critical thinking for AQA / Oliver McAdoo. — Abingdon : Routledge, 2011. — 254 p. — ISBN 978-0-415-55925-6 ; LC 2010048530
UA-CST: FILO 162 G-MCAD 2011

Adventures of the dialectic / Maurice Merleau-Ponty. — Evanston, Ill. : Northwestern University Press, 1973. — 237 p. — (Northwestern University studies in phenomenology and existential philosophy ; 1973: 1). — ISBN 978-0-8101-0596-6 ; ISBN 978-0-8101-0404-4
UA-CST: FILO 19.8 P-MERL 73

Socratic puzzles / Robert Nozick. — Cambridge, Mass. : Harvard University Press, 2000. — 400 p. — ISBN 978-0-674-81654-1 ; ISBN 978-0-674-81653-4
UA-CST: FILO 19.8 P-NOZI 2000

Philosophy of mathematics: selected readings / [edit.] Paul Benacerraf ; [edit.] Hilary Putnam. — 2 ed. — Cambridge : Cambridge University Press, 1998. — 600 p. — ISBN 978-0-521-29648-9
UA-CST: FILO 164 G-BENA 98

Philosophy of logic / W.V. Quine. — 2 ed. — Cambridge, Mass. : Harvard University Press, 1986. — 109 p. — ISBN 978-0-674-66563-7
UA-CST: FILO 19.8 P-QUIN 86

Elementary logic / Willard Van Orman Quine. — 2 ed. — Cambridge, Mass. : Harvard University Press, 1980. — 129 p. — ISBN 978-0-674-24451-1 ; LC 80-81978
UA-CST: FILO 16 G-QUIN 80

Logic : the laws of truth / Nicholas J.J. Smith. — Princeton, N.J. : Princeton University Press, 2012. — 528 p. — ISBN 978-0-691-15163-2 ; LC 2011048269
UA-CST: FILO 16 G-SMIT 2012

Critical thinking : an appeal to reason / Peg Tittle. — New York, N.Y. : Routledge, 2011. — 442 p. : ill. — ISBN 978-0-415-99714-0 ; ISBN 978-0-415-99713-3 ; ISBN 978-0-203-84161-7 ; LC 2010016540
UA-CST: FILO 162 G-TITT 2011

Statistiek

Global issues: an introduction / John L. Seitz ; A. Hite. — 4 ed. — Oxford : Wiley-Blackwell, 2008. — 275 p. : ill. — ISBN 978-0-470-65564-1
UA-CST: TEW 338 G-SEIT 2012

Didactiek

Delta Nova / N. Deloddere ; N. De Wilde ; R. Op de Beeck ; e.a. — Mechelen : Plantyn, 2011. — Met Werkboek; Handleiding. — ISBN 978-90-301-3497-8
UA-CDE: BMED 372.851 Y-NOVA

The educated eye : visual culture and pedagogy in the life sciences / [edit.] Nancy Anderson ; [edit.] Michael R. Dietrich. — Hanover, N.H. : Dartmouth College Press, 2012. — 318 p. — (Interfaces: studies in visual culture ; 2012: 1). — ISBN 978-1-61168-043-0 ; ISBN 978-1-61168-044-7 ; ISBN 978-1-61168-212-0
UA-CST: PSW 37 G-ANDE 2012

Exacte en natuurwetenschappen (algemeen)

Academic genealogy of mathematicians / Sooyoung Chang. — Hackensack, N.J. : World Scientific, 2011. — 509 p. : ill. — ISBN 978-981-4282-29-1 ; ISBN 981-4282-29-4
UA-CST: TEW 51 G-CHAN 2011

Huiselijke taferelen : de veranderende rol van het beeld in de Gouden Eeuw / Heidi de Mare. — Nijmegen : Vantilt, 2012. — 607 p. : ill. — ISBN 978-94-6004-066-5
UA-CST: MAG-OW-B 92201

Chomsky et l'ordinateur : approche critique d'une théorie linguistique / Christiane Notari. — Toulouse : Presses universitaires du Mirail, 2009. — 257 p. — (Interlangues : linguistique et didactique ; 2009: 1). — ISBN 978-2-8107-0080-6
UA-CST: T&L 800 N-CHOM-NOTA 2009

Wiskunde

Measurement error in nonlinear models / Raymond J. Carroll ; David Ruppert ; Leonard A. Stefanski. — London : Chapman & Hall, 1995. — 305 p. — (Monographs on statistics and applied probability ; 63). — ISBN 0-412-04721-7
UA-CST: MAG-OW-B 92254
UA-CMI: WIS 519.2 G-CARR 95

Measurement error in nonlinear models: a modern perspective / Raymond J. Carroll ; David Ruppert ; Leonard A. Stefanski ; e.a. — 2 ed. — Boca Raton, Fla : Chapman & Hall/CRC, 2006. — 455 p. — (Monographs on statistics and applied probability ; 105). — ISBN 1-58488-633-1 ; ISBN 978-1-58488-633-4
UA-CST: HB-TEW-WEVEM

Academic genealogy of mathematicians / Sooyoung Chang. — Hackensack, N.J. : World Scientific, 2011. — 509 p. : ill. — ISBN 978-981-4282-29-1 ; ISBN 981-4282-29-4

UA-CST: TEW 51 G-CHAN 2011

Statistical regression with measurement error / Chi-Lu Cheng ; John W. van Ness. — London : Arnold, 1999. — 262 p. — (Kendall's library of statistics ; 6). — ISBN 0-340-61461-7

UA-CST: HB-TEW-WEVEM

Delta Nova / N. Deloddere ; N. De Wilde ; R. Op de Beeck ; e.a. — Mechelen : Plantyn, 2011. — Met Werkboek ; Handleiding. — ISBN 978-90-301-3497-8

UA-CDE: BMED 372.851 Y-NOVA

Measurement error models / Wayne A. Fuller. — Hoboken, N.J. : Wiley, 2006. — 440 p. — (Wiley series in probability and statistics ; 2006: 1) ; (Wiley-Interscience paperback series ; 2006: 1). — ISBN 978-0-470-09571-3

UA-CST: HB-TEW-WEVEM

Oscillation matrices and kernels and small vibrations of mechanical systems / F.P. Gantmakher ; M.G. Krein. — 2 ed. — Providence, R.I. : AMS Chelsea Pub, 2002. — 310 p. — ISBN 0-8218-3171-2

UA-CST: TEW 51 G-GANT 2002

Handbook of volatility models and their applications / [edit.] Luc Bauwens ; [edit.] Christian Hafner ; [edit.] Sébastien Laurent. — Hoboken, N.J. : Wiley, 2012. — 543 p. — (Wiley handbooks in financial engineering and econometrics ; 2012: 1). — ISBN 978-0-470-87251-2

UA-CST: TEW 330.115 G-BAUW 2012

Bayesian econometric methods / Gary Koop ; Dale J. Poirier ; Justin L. Tobias. — Cambridge : Cambridge University Press, 2007. — (Econometric exercises ; 7). — ISBN 978-0-521-85571-6 ; ISBN 978-0-521-67173-6

UA-CST: TEW 330.115 G-KOOP 2007

UA-CST: HB-TEW-VERSK

Bayesian econometrics / Gary Koop. — Chichester : Wiley, 2006. — 359 p. — ISBN 0-470-84567-8

UA-CST: HB-TEW-VERSK

Bayesian biostatistics / Emmanuel Lesaffre ; Andrew B. Lawson. — Chichester : Wiley, 2012. — 516 p. — (Statistics in practice ; 2012: 3). — ISBN 978-0-470-01823-1

UA-CST: HB-TEW-VERSK

Huiselijke taferelen : de veranderende rol van het beeld in de Gouden Eeuw / Heidi de Mare. — Nijmegen : Vantilt, 2012. — 607 p. : ill. — ISBN 978-94-6004-066-5

UA-CST: MAG-OW-B 92201

Chomsky et l'ordinateur : approche critique d'une théorie linguistique / Christiane Notari. — Toulouse : Presses universitaires du Mirail, 2009. — 257 p. — (Interlangues : linguistique et didactique ; 2009: 1). — ISBN 978-2-8107-0080-6

UA-CST: T&L 800 N-CHOM-NOTA 2009

Socratic puzzles / Robert Nozick. — Cambridge, Mass. : Harvard University Press, 2000. — 400 p. —

ISBN 978-0674-81654-1 ; ISBN 978-0-674-81653-4

UA-CST: FILO 19.8 P-NOZI 2000

Philosophy of mathematics: selected readings / [edit.] Paul Benacerraf ; [edit.] Hilary Putnam. — 2 ed. — Cambridge : Cambridge University Press, 1998. — 600 p. — ISBN 978-0-521-29648-9

UA-CST: FILO 164 G-BENA 98

Natuurkunde

Local radio, going global / Guy Starkey. — Basingstoke : Palgrave Macmillan, 2011. — 202 p. —

ISBN 978-0-230-27689-5

UA-CST: PSW 654 G-STAR 2011

Videoconference and remote interpreting in criminal proceedings / [edit.] Sabine Braun ; [edit.] Judith L. Taylor. — Cambridge : Intersentia, 2012. — 328 p. — ISBN 978-1-78068-097-2

UA-CST: RECH 343.9 G-BRAU 2012

Exploration of visual data / Xiang Sean Zhou ; Yong Rui ; Thomas S. Huang. — Dordrecht : Kluwer, 2003. — 187 p. — (The Kluwer International Series in Video Computing, ; 2003: 1). — ISBN 1-4020-7569-3

UA-CST: PSW 681.3 G-ZHOU 2003

Scheikunde

The economics of medical technology / [edit.] Kristian Bolin ; [edit.] Robert Kaestner. — Bingley : Emerald, 2012. — 198 p. — (Advances in health economics and health services research ; 23). — ISBN 978-1-78190-128-1

UA-CST: MAG-T 17:23

Desert terroir : exploring the unique flavors and sundry places of the borderlands / Gary Paul Nabhan ; [ill.] Paul Mirocha. — Austin, Tex. : University of Texas Press, 2012. — 132 p. : ill. — (Ellen and Edward Randall series ; 2012: 1). — ISBN 978-0-292-72589-8 ; ISBN 978-0-292-73588-0

UA-CST: MAG-MEX-B 11543

Geologie. Aardwetenschappen

European bathing water quality in 2011 / European Environment Agency. — Luxembourg : EUR-OP, 2012. — 28 p. — (EEA report ; 2012: 3). — ISBN 978-92-9213-311-5

UA-CST: MAG-T 416:2012,3

Reporting on climate change : understanding the science / [edit.] L. Jeremy Richardson ; [medew.] Bud Ward. — 4 ed. — Washington, D.C. : Environmental Law Institute, 2011. — 96 p. : ill. — ISBN 978-1-58576-156-2

UA-CST: PSW 628 G-RICH 2011

Biologie. Biochemie. Biofysica

Cyclic nucleotide-dependent regulation of ecto-nucleotide pyrophosphatase/phosphodiesterase 1 (NPP1) in rat C6 glioma cells and its expression in astrocytomas : proefschrift / Indra Aerts. — Antwerpen : Universiteit Antwerpen, Faculteit Farmaceutische, Biomedische en Diergeneeskundige Wetenschappen, 2012. — 239 p. — (Proefschriften UA-FBD ; 2038)

UA-CDE: BC-F 7:2038

Creation ethics : reproduction, genetics, and quality of life / David DeGrazia. — Oxford : Oxford University Press, 2012. — 234 p. — ISBN 978-0-19-538963-0 ; LC 2011035709

UA-CST: FILO 177 G-DEGR 2012

The economics of medical technology / [edit.] Kristian Bolin ; [edit.] Robert Kaestner. — Bingley : Emerald, 2012. — 198 p. — (Advances in health economics and health services research ; 23). — ISBN 978-1-78190-128-1

UA-CST: MAG-T 17:23

Outbreak control and treatment strategies for filovirus haemorrhagic fever : proefschrift / Paul Roddy. — Antwerpen : Universiteit Antwerpen, Faculty of Medicine, Institute of Tropical Medicine and Epidemiology and Social Medicine, 2012. — 162 p. — (Proefschriften UA-MED ; 2040)

UA-CDE: BC-F 7:2040

Ingenieurswetenschappen

Conservation and sustainable development : linking practice and policy in Eastern Africa / [edit.] Jonathan Davies. — Ottawa : International Development Research Centre, 2012. — 201 p. — (Earthscan conservation and development series ; 2012: 1). — ISBN 978-1-84971-404-4 ; ISBN 978-0-415-50182-8 ; ISBN 978-0-203-13148-0

<http://www.idrc.ca/EN/Resources/Publications/Pages/IDRCBookDetails.aspx?PublicationID=1111>

UA-CST: DEV 628 G-DAVI 2012

McLuhans's children : the Greenpeace message and the media / Stephen Dale. — Toronto, Ont. : Between the Lines, 2001. — 220 p. — ISBN 1-896357-04-0

UA-CST: PSW 659.3 G-DALE 2001

Working through environmental conflict : the collaborative learning approach / Steven E. Daniels ; Gregg B. Walker. — Westport, Conn. : Praeger, 2001. — 299 p. — ISBN 978-0-275-96473-3

UA-CST: PSW 35 G-DANI 2001

Earnings, jobs and innovation : the role of recycling in a green economy / European Environment Agency. — Luxembourg : EUR-OP, 2011. — 26 p. — (EEA report ; 2011: 8). — ISBN 978-92-9213-234-7

UA-CST: MAG-T 416:2011,8

Earthtalk : communication empowerment for environmental action / [edit.] Star A. Muir ; [edit.] Thomas L. Veenendall. — Westport, Conn. : Praeger, 1996. — 233 p. — (Praeger series in political communication ; 1996: 2). — ISBN 0-275-95370-X
UA-CST: PSW 628 G-MUIR 96

The economics of medical technology / [edit.] Kristian Bolin ; [edit.] Robert Kaestner. — Bingley : Emerald, 2012. — 198 p. — (Advances in health economics and health services research ; 23). — ISBN 978-1-78190-128-1

UA-CST: MAG-T 17:23

Ecosee : image, rhetoric, nature / [edit.] Sidney I. Dobrin ; [edit.] Sean Morey. — Albany, N.Y. : State University of New York Press, 2009. — 327 p. — ISBN 978-1-4384-2584-9 ; ISBN 978-1-4384-2583-2

UA-CST: PSW 628 G-DOBR 2009

Environmental justice and environmentalism : the social justice challenge to the environmental movement / [edit.] Ronald Sandler ; [edit.] Phaedra C. Pezzullo. — Cambridge, Mass. : MIT Press, 2007. — 352 p. — (Urban and industrial environments ; 2007: 1). — ISBN 978-0-262-19552-2 ; ISBN 978-0-262-69340-0

UA-CST: PSW 628 G-SAND 2007

European bathing water quality in 2011 / European Environment Agency. — Luxembourg : EUR-OP, 2012. — 28 p. — (EEA report ; 2012: 3). — ISBN 978-92-9213-311-5

UA-CST: MAG-T 416:2012,3

The race between education and technology / Claudia Goldin ; Lawrence F. Katz. — Cambridge, Mass. : Belknap, 2009. — 488 p. — ISBN 978-0-674-02867-8 ; ISBN 978-0-674-03530-0

UA-CST: TEW 33 G-GOLD 2009

Green talk in the White House : the rhetorical presidency encounters ecology / [edit.] Tarla Rai Peterson. — College Station, Tex. : Texas A&M University Press, 2004. — 294 p. — (Presidential rhetoric series ; 11). — ISBN 1-58544-335-2 ; ISBN 1-58544-415-4

UA-CST: PSW 628 L-USA-PETE 2004

Greenhouse gas emission trends and projections in Europe 2011 : tracking progress towards Kyoto and 2020 targets / European Environment Agency. — Luxembourg : EUR-OP, 2011. — 147 p. — (EEA report ; 2011: 4). — ISBN 978-92-9213-224-8

UA-CST: MAG-T 416:2011,4

Greenwash : the reality behind corporate environmentalism / Jed Greer ; Kenny Bruno. — Penang : Third World Network, 1996. — 258 p. — ISBN 978-0-945257-77-6

UA-CST: PSW 628 G-GREE 1996

Laying the foundations for greener transport : TERM 2011 : transport indicators tracking progress towards environmental targets in Europe / European Environment Agency. — Luxembourg : EUR-OP, 2011. — 88 p. — (EEA report ; 2011: 7). — ISBN 978-92-9213-230-9

UA-CST: MAG-T 416:2011,7

Mediating nature / Nils Lindahl Elliot. — London : Routledge, 2006. — 284 p. — (International library of sociology ; 2006: 3). — ISBN 978-0-415-39177-1 ; ISBN 978-0-415-39325-6 ; ISBN 978-0-203-08724-4
UA-CST: PSW 628 G-ELLI 2006

Desert terroir : exploring the unique flavors and sundry places of the borderlands / Gary Paul Nabhan ; [ill.] Paul Mirocha. — Austin, Tex. : University of Texas Press, 2012. — 132 p. : ill. — (Ellen and Edward Randall series ; 2012: 1). — ISBN 978-0-292-72589-8 ; ISBN 978-0-292-73588-0
UA-CST: MAG-MEX-B 11543

The promise and performance of environmental conflict resolution / [edit.] Rosemary O'Leary ; [edit.] Lisa B. Bingham. — Washington, D.C. : Resources for the Future, 2003. — 368 p. — ISBN 1-891853-65-1 ; ISBN 1-891853-64-3
UA-CST: PSW 628 G-OLEA 2003

Reporting on climate change : understanding the science / [edit.] L. Jeremy Richardson ; [medew.] Bud Ward. — 4 ed. — Washington, D.C. : Environmental Law Institute, 2011. — 96 p. : ill. — ISBN 978-1-58576-156-2
UA-CST: PSW 628 G-RICH 2011

Winning back the words : confronting experts in an environmental public hearing / Mary Richardson ; Joan Sherman ; Michael Gismond. — Toronto, Ont. : Garamond, 1993. — 191 p. — ISBN 0-920059-17-1
UA-CST: PSW 628 L-CDN-RICH 93

Global issues: an introduction / John L. Seitz ; A. Hite. — 4 ed. — Oxford : Wiley-Blackwell, 2008. — 275 p. : ill. — ISBN 978-0-470-65564-1
UA-CST: TEW 338 G-SEIT 2012

Local radio, going global / Guy Starkey. — Basingstoke : Palgrave Macmillan, 2011. — 202 p. — ISBN 978-0-230-27689-5
UA-CST: PSW 654 G-STAR 2011

Urban adaptation to climate change in Europe : challenges and opportunities for cities together with supportive national and European policies / European Environment Agency. — Luxembourg : EUR-OP, 2012. — 142 p. — (EEA report ; 2012: 2). — ISBN 978-92-9213-308-5
UA-CST: MAG-T 416:2012,2

Die Anfänge der Maniera moderna : Giorgio Vasaris Viten : Proemio, Leonardo, Giorgione, Correggio / [edit.] Sabine Feser ; [edit.] Victoria Lorini ; [edit.] Alessandro Nova. — Hildesheim : Olms, 2001. — 270 p. — ISBN 3-487-11368-6
UA-CST: MAG-OW-C 19189

Videoconference and remote interpreting in criminal proceedings / [edit.] Sabine Braun ; [edit.] Judith L. Taylor. — Cambridge : Intersentia, 2012. — 328 p. — ISBN 978-1-78068-097-2
UA-CST: RECH 343.9 G-BRAU 2012

The reporter's environmental handbook / Bernadette M. West ; M. Jane Lewis ; Michael R. Greenberg ; e.a. — 3 ed. — New Brunswick, N.J. : Rutgers University Press, 2003. — 340 p. — ISBN 0-8135-3286-8 ; ISBN 0-8135-3287-6
UA-CST: PSW 07 G-WEST 2003

Exploration of visual data / Xiang Sean Zhou ; Yong Rui ; Thomas S. Huang. — Dordrecht : Kluwer, 2003. — 187 p. — (The Kluwer International Series in Video Computing, ; 2003: 1). — ISBN 1-4020-7569-3
UA-CST: PSW 681.3 G-ZHOU 2003

Milieubescherming

Conservation and sustainable development : linking practice and policy in Eastern Africa / [edit.] Jonathan Davies. — Ottawa : International Development Research Centre, 2012. — 201 p. — (Earthscan conservation and development series ; 2012: 1). — ISBN 978-1-84971-404-4 ; ISBN 978-0-415-50182-8 ; ISBN 978-0-203-13148-0
<http://www.idrc.ca/EN/Resources/Publications/Pages/IDRCBookDetails.aspx?PublicationID=1111>
UA-CST: DEV 628 G-DAVI 2012

Landbouw. Veeteelt. Jacht. Visserij

Living farms : encouraging sustainable smallholder agriculture in Southern Africa / Martin Whiteside. — London : Earthscan Publications Ltd, 1998. — 217 p. — ISBN 1-85383-590-0
UA-CST: MAG-OW-B 92426

Chemische technologie

The economics of medical technology / [edit.] Kristian Bolin ; [edit.] Robert Kaestner. — Bingley : Emerald, 2012. — 198 p. — (Advances in health economics and health services research ; 23). — ISBN 978-1-78190-128-1
UA-CST: MAG-T 17:23

Desert terroir : exploring the unique flavors and sundry places of the borderlands / Gary Paul Nabhan ; [ill.] Paul Mirocha. — Austin, Tex. : University of Texas Press, 2012. — 132 p. : ill. — (Ellen and Edward Randall series ; 2012: 1). — ISBN 978-0-292-72589-8 ; ISBN 978-0-292-73588-0
UA-CST: MAG-MEX-B 11543

Computer. Informatica

Bronnen zoeken, vinden en verwerken online/offline : met onderzoeksvoorbeelden voor diverse (bedrijfs)economische domeinen / [edit.] Daniël Coninckx ; [edit.] Luc Van Ootegem ; [edit.] Elsy Verhofstadt. — Leuven : LannooCampus, 2012. — 311 p. — (Campus handboek ; 2012: 4). — Titel varieert: Praktijboek bronnen zoeken, vinden en verwerken online/offline : met onderzoeksvoorbeelden voor diverse (bedrijfs)economische domeinen. — ISBN 978-94-014-0089-3
UA-CST: TEW 33 G-CONI 2012

Mobile cultures : new media in queer Asia / [edit.] Chris Berry ; [edit.] Fran Martin ; [edit.] Audrey Yue. — Durham, N.C. : Duke University Press, 2003. — 306 p. : ill. — (Console-ing passions: television and cultural power ; 2003: 1). — ISBN 0-8223-3087-3 ; ISBN 0-8223-3050-4

UA-CST: PSW 659.3 L-AZ-BERR 2003

Chomsky et l'ordinateur : approche critique d'une théorie linguistique / Christiane Notari. — Toulouse : Presses universitaires du Mirail, 2009. — 257 p. — (Interlangues : linguistique et didactique ; 2009: 1). — ISBN 978-2-8107-0080-6

UA-CST: T&L 800 N-CHOM-NOTA 2009

Essays on skills and technology : a task-based perspective : thesis / Stijn Rocher. — Antwerpen : UA, 2012. — 100 p. — (Proefschriften UA-TEW ; 2012: 16). — ISBN 978-90-8994-062-9

UA-CST: MAG-DOCT 620

Understanding digital humanities / [edit.] David M. Berry. — Basingstoke : Palgrave Macmillan, 2012. — 318 p. : ill. — ISBN 978-0-230-29264-2 ; ISBN 978-0-230-29265-9

UA-CST: PSW 659.3 G-BERR 2012

Visual data : understanding and applying visual data to research in education / [edit.] Jon E. Pedersen ; [edit.] Kevin D. Finson. — Rotterdam : Sense, 2009. — 177 p. : ill. — ISBN 978-90-8790-515-6 ; ISBN 978-90-8790-514-9 ; ISBN 978-80-8790-516-3

UA-CST: PSW 003 G-PEDE 2009

Exploration of visual data / Xiang Sean Zhou ; Yong Rui ; Thomas S. Huang. — Dordrecht : Kluwer, 2003. — 187 p. — (The Kluwer International Series in Video Computing, ; 2003: 1). — ISBN 1-4020-7569-3

UA-CST: PSW 681.3 G-ZHOU 2003