

Bibliothèque - Institut Henri Poincaré - Library

Ouvrages / Books

Nouveautés janvier-février / 2010 / List of new Books January-February

The annotated Turing : a guided tour through Alan Turing's historic paper on computability and the Turing machine / Charles Petzold. - Indianapolis, Ind. : Wiley Pub., c2008. - 1 vol. (xii, 372 p.) : ill. ; 23 cm. - Sommaire (<http://www.loc.gov/catdir/toc/ecip0819/2008022829.html>). - Réf. bibliographiques (p. [361]-365). Index. - Contenu : This tomb holds Diophantus ; The irrational and the transcendental ; Centuries of progress ; The education of Alan Turing ; Machines at work ; Addition and multiplication ; Also known as subroutines ; Everything is a number ; The universal machine ; Computers and computability ; Of machines and men ; Logic and computability ; Computable functions ; The major proof ; The lambda calculus ; Conceiving the continuum ; Is everything a turing machine? ; The long sleep of Diophantus.

ISBN 978-0-470-22905-7

Cote IHP : 836 055

Deformation theory / Robin Hartshorne. - New York ; London : Springer, cop. 2010. - 1 vol. (VI-234 p.) ; 25 cm. - (Graduate texts in mathematics ; 257). - Bibliogr. p. [217]-224. Index. ISBN 978-1-441-91595-5

Cote IHP : 519 62 e

Felix Berezin : the life and death of the mastermind of supermathematics / editor, M. Shifman. - Hackensack NJ : World Scientific, c2007. - 1 vol. (xii, 244 p.) : ill. ; 24 cm. - Réf. bibliographiques. ISBN 978-981-270532-7

Cote IHP : K 433 25

The finite simple groups / Robert A. Wilson. - London : Springer, cop. 2009. - 1 vol. (XV-298 p.) ; 25 cm. - (Graduate texts in mathematics, ISSN 0072-5285 ; 251). - Bibliogr. p. [283]-290. Index. ISBN 978-1-8480-0987-5

Cote IHP : 987 178 47

A focus of discoveries / Rudolf P. Hübener, Heinz Lübbig. - Hackensack, N.J. : World Scientific, c2008. - 1 vol. (x, 185 p.) : ill., ports. ; 24 cm. - Références bibliographiques (p. 179-180). Index. - Contenu : The foundation and the key role of Werner Siemens ; Some memoranda at the beginning ; The start under President Hermann von Helmholtz ; The institute as a model ; The optical laboratory and the birth of the quantum theory ; The low-temperature laboratory and the discovery of the Meissner effect ; The chemical laboratory and the discovery of new elements --The laboratory for radioactivity ; The imperial institute and Albert Einstein ; Counting and measuring : quantum statistics and quantum standards ; Fundamental constants : the best information on nature available ; The meter convention for the global consistency of measurements ; The presidents of the institute until 1933 ; The institute under the Nazi dictatorship and a new beginning.

ISBN 978-981-279034-7

Cote IHP : 539 294 45

How physics confronts reality : Einstein was correct, but Bohr won the game / Roger G. Newton. - Singapore ; Hackensack, NJ : World Scientific, ©2009. - 1 vol. (ix-147 p.) : ill. ; 23 cm. ISBN 978-981-427703-7

Cote IHP : 808 8 d

An introduction to random matrices / Greg W. Anderson, Alice Guionnet, Ofer Zeitouni. - Cambridge ; New York ; Melbourne [etc.] : Cambridge University Press, impr. 2010. - 1 vol. (XIV-492 p.) : fig. ; 24 cm. - (Cambridge studies in advanced mathematics ; 118). - Bibliogr. p. 465-480. Notes bibliogr. Index. - Contenu : Contient des exercices.

ISBN 978-0-521-19452-5

Cote IHP : 115 73

Layer-adapted meshes for reaction-convection-diffusion problems / Torsten Linß. - Berlin : Springer, cop. 2010. - 1 vol. (XI-320 p.) : fig. ; 24 cm. - (Lecture notes in mathematics, ISSN 0075-8434 ; 1985). - Bibliogr. p. 311-318. Index.

ISBN 978-3-642-05133-3

Cote IHP : LNM 1985

Bibliothèque - Institut Henri Poincaré - Library

Locally convex spaces over non-Archimedean valued fields / C. Perez-Garcia, W.H. Schikhof. - Cambridge : Cambridge University Press, cop. 2010. - 1 vol. (XIV-472 p.) ; 24 cm. - (Cambridge studies in advanced mathematics ; 119). - Bibliogr. p. [457]-467. Index. ISBN 978-0-521-19243-9

Cote IHP : 833 112

Man Ray / essay by Emmanuelle de L'Écotais ; a personal portrait by André Breton ; ed. by Manfred Heiting ; [German transl. by Wolfgang Himmelberg ; French transl. by Frédéric Maurin]. - Köln ; London ; Paris [etc.] : Taschen, cop. 2008 (impr. en Chine). - 1 vol. (190 p.) : ill., couv. ill. en coul. ; 20 cm. - (Icons). - Texte anglais et trad. française et allemande en regard. - Textes en anglais, allemand et français. ISBN 978-3-8365-0798-1

Cote IHP : 674 3

Mixed-norm inequalities and operator space L_p embedding theory / Marius Junge, Javier Parcet. - Providence (R.I.) : American Mathematical Society, cop. 2009. - 1 vol. (V-155 p.) ; 26 cm. - (Memoirs of the American Mathematical Society, ISSN 0065-9266 ; 953). - Volume 203, number 953 (2nd of 5 numbers).. - Bibliogr. p. 153-155. - Contenu : Introduction ; Noncommutative integration ; Amalgamated L_p spaces ; An interpolation theorem ; Conditional L_p spaces ; Intersections of L_p spaces ; Factorization of $T_{n,p,q}(M,E)$; Mixed-norm inequalities ; Operator space L_p embeddings. ISBN 978-0-8218-4655-1

Cote IHP : 573 732

Ordered Banach spaces / Richard Becker ; préface de Gilles Godefroy. - Paris : Hermann, cop. 2008. - 1 vol. (XIII-132 p.) ; 24 cm. - (Travaux en cours : mathématiques ; 68). - Bibliogr. p. 124-129. Index. ISBN 978-2-7056-6721-4

Cote IHP : 162 3 e

Outer billiards on kites / Richard Evan Schwartz. - Princeton : Princeton University Press, 2009. - 1 vol. (XII-306 p.) : fig. ; 24 cm. - (Annals of mathematics studies ; 171). - Bibliogr. p. [303]-304. Index. ISBN 978-0-691-14248-7

Cote IHP : 924 83 a

A passion for discovery / Peter Freund. - New Jersey : World Scientific, cop. 2007. - 1 vol. (XVI-221 p.) ; 24 cm. - Bibliogr. p. 192-210. Index. ISBN 978-981-277-214-5

Cote IHP : 453 98 a

Pioneering women in American mathematics : the pre-1940 PhD's / Judy Green, Jeanne LaDuke. - Providence, R.I. : American Mathematical Society ; London : London Mathematical Society, cop. 2009. - 1 vol. (xviii-349 p.) : ill. ; 27 cm. - (History of mathematics ; 34). - Bibliographie p. 333-337. Index. - Contenu : Introduction ; Family background and precollege education ; Undergraduate education ; Graduate education ; Employment issues ; Career patterns ; Scholarly and professional contributions ; Epilogue. ISBN 978-0-8218-4376-5

Cote IHP : 488 924

Points and curves in the Monster tower / Richard Montgomery, Michail Zhitomirskii. - Providence (R.I.) : American Mathematical Society, cop. 2009. - 1 vol. (IX-137 p.) ; 26 cm. - (Memoirs of the American Mathematical Society, ISSN 0065-9266 ; 956). - "Volume 203, number 956 (end of volume)". - Bibliogr. p. 135-136. Index. - Contenu : Introduction ; Prolongations of integral curves. Regular, vertical, and critical curves and points ; RVT classes. RVT codes of plane curves. RVT and Puiseux ; Monsterization and legendrization. Reduction theorems ; Reduction algorithm. Examples of classification results ; Determination of simple points ; Local coordinate systems on the Monster ; Prolongations and directional blow-up. Proof of Theorems A and B ; Open questions ; Appendix A. Classification of integral Engel curves ; Appendix B. Contact classification of Legendrian curves ; Appendix C. Critical, singular and rigid curves. ISBN 978-0-8218-4818-0

Cote IHP : 790 93

The quadratic isoperimetric inequality for mapping tori of free group automorphisms / Martin R. Bridson, Daniel Groves. - Providence (R.I.) : American Mathematical Society, cop. 2009. - 1 vol. (XII-152 p.) : graph. ; 26 cm. - (Memoirs of the American Mathematical Society, ISSN 0065-9266 ; 955). -

Bibliothèque - Institut Henri Poincaré - Library

Volume 203, number 955 (fourth of 5 numbers). - Bibliogr. p. 149-150. Index. - Contenu : Positive automorphisms ; Train tracks and the beaded decomposition ; The general case. ISBN 978-0-8218-4631-5
Cote IHP : 234 655 a

Regular subgroups of primitive permutation groups / Martin W. Liebeck, Cheryl E. Praeger, Jan Saxl. - Providence (R.I.) : American Mathematical Society, cop. 2009. - 1 vol. (V-74 p.) ; 26cm. - (Memoirs of the American Mathematical Society, ISSN 0065-9266 ; 952). - "Volume 203, number 952 (1st of 5 numbers)". - Bibliogr. p. 73-74. ISBN 978-0-8218-4654-4
Cote IHP : 690 007 a

Routes of learning : highways, pathways, and byways in the history of mathematics / Ivor Grattan-Guinness. - Baltimore : Johns Hopkins University Press, 2009. - 1 vol. (xii, 372 p.) : ill. ; 23 cm. - Références bibliographiques. Index. ISBN 978-0-8018-9247-9
Cote IHP : 488 1 d

Topics in operator semigroups / Shmuel Kantorovitz. - Boston, Mass. : Birkhäuser, cop. 2010. - 1 vol. (XIII-266 p.) ; 25 cm. - (Progress in mathematics ; 281). - Bibliogr. p. [253]-261. Index. ISBN 978-0-8176-4931-9
Cote IHP : 574 602 a

Science, histoire & philosophie selon Gaston Milhaud : la constitution d'un champ disciplinaire sous la troisième république / sous la direction d'Anastasios Brenner et d'Annie Petit ; avec les contributions de Béatrice Bakhouché, Bernadette Bensaude-Vincent, Michel Blay... [et al.]. - Paris : Vuibert : Société française d'histoire des sciences et des techniques, cop. 2009. - 1 vol. (IX-278 p.) : couv. ill. en coul. ; 24 cm. - (Cahiers d'histoire et de philosophie des sciences, ISSN 0753-6712 ; 59). - Bibliogr. de G. Milhaud p. [255]-265. Bibliographie générale p. [266]-274. Index. ISBN 978-2-7117-9601-4
Cote IHP : K 926 51

Selected papers of Alberto P. Calderón with commentary / Alexandra Bellow, Carlos E. Kenig, Paul Malliavin, editors. - Providence, R.I. : American Mathematical Society, cop. 2008. - 1 vol. (xxxix-639 p.) : ill. ; 27 cm. - Préface (<http://www.ams.org/bookstore/pspdf/cworks-21-prev.pdf>). - Table des matières (<http://www.ams.org/bookstore/pspdf/cworks-21-toc.pdf>). - Notes bibliogr.. - Bibliographie des travaux de A.P. Calderón p. xxv-xxx. ISBN 978-0-8218-4297-3
Cote IHP : 251 539 c [Oe]

Thermodynamical formalism and multifractal analysis for meromorphic functions of finite order / Volker Mayer, Mariusz Urbański. - Providence (R.I.) : American Mathematical Society, cop. 2009. - 1 vol. (V-107 p.) ; 26 cm. - (Memoirs of the American Mathematical Society, ISSN 0065-9266 ; 954). - "Volume 203, number 954 (third of 5 numbers)". - Bibliogr. p. 103-105. Index. ISBN 978-0-8218-4659-9
Cote IHP : 748 4

Vector fields on singular varieties / Jean-Paul Brasselet, José Seade, Tatsuo Suwa. - Berlin ; Heidelberg : Springer, cop. 2009. - 1 vol. (XX-225 p.) ; 24 cm. - (Lecture notes in mathematics, ISSN 0075-8434 ; 1987). - Bibliogr. p. 215-222. Index. ISBN 978-3-642-05204-0
Cote IHP : LNM 1987

The world as a mathematical game : John von Neumann and twentieth century science / Giorgio Israel, Ana Millan Gasca. - Basel : Birkhäuser, cop. 2009. - 1 vol. (XII- 207 p.) : ill. ; 24 cm. - (Science networks historical studies ; 38). - Bibliogr. p. 174-199. Index. ISBN 978-3-7643-9895-8
Cote IHP : 559 618

Bibliothèque - Institut Henri Poincaré - Library

Ouvrages / Books

Acquisitions rétrospectives, rééditions, réimpressions

Janvier-février 2010 January-February

Retrospective acquisitions, reditions, reprints

Enumerative combinatorics. Volume 1 / Richard P. Stanley. - Cambridge ; New York : Cambridge University Press, cop. 1997. - 1 vol. (XI-325 p.) : ill., fig. ; 23 cm. - (Cambridge studies in advanced mathematics ; 49). - Errata et addenda : p. 319-326. - Première publication chez Wadsworth en 1986. Première impression brochée en 1999. Réimpr. en 2000, 2002, 2003, 2004, 2005, 2006, 2008. - Notes bibliogr. Index.

ISBN 978-0-521-55309-4

Cote IHP : 938 788 b I

Hjelmslev / Sémir Badir. - Paris : les Belles lettres, 2000. - 1 vol. (220 p.) : couv. ill. ; 21 cm. - (Figures du savoir, ISSN 1284-7836 ; 26). - 2e tirage : 2004. - Bibliogr. p.[203-]205. Glossaire. ISBN 2-251-76032-6

Cote IHP : 153 284

Pascal / Francesco Paolo Adorno. - Paris : les Belles lettres, 2000 (18-Saint-Amand-Montrond : Bussière Camedan impr.). - 1 vol. (144 p.) ; 18 cm. - (Figures du savoir ; 23). - Autres tirages : 2004. - Bibliogr. p. 1 3 9 - 1 4 2 . - 9 7 8 2 2 5 1 7 6 0 3 0 8 . ISBN 2-251-76030-X

Cote IHP : 112 575 24

Russell / Ali Benmakhlouf. - Paris : Les Belles Lettres, 2004. - 1 vol. (251 p.) : couv. ill. ; 21 cm. - (Figures du savoir ; 35). - Bibliogr. p. [243]-247. Notes bibliographiques.. ISBN 2-251-76051-2

Cote IHP : 167 094 25

Stalin's great science : the times and adventures of soviet physicists / Alexei B. Kojevnikov,.... - London : Imperial College Press, cop. 2004. - 1 vol. (XXIII-360 p.) : ill., couv. ill. en coul. ; 24 cm. - (History of modern physical sciences ; 2). - Bibliogr. p. 307-341. Index. ISBN 1-86094-419-1

Cote IHP : 607 55

Turing / Jean Lassègue. - Paris : Les Belles lettres, 1998 (18-Saint-Amand-Montrond : Impr. Bussière). - 1 vol. (210 p.) ; 18 cm. - (Figures du savoir ; 12). - Autre tirage : 2003. - Bibliogr. p. [201]-207. ISBN 2-251-76014-8

Cote IHP : 641 78

Wittgenstein / François Schmitz. - Paris : Les Belles Lettres, 1999. - 1 vol. (177 p.) : couv. ill. en coul. ; 21 cm. - (Figures du savoir ; 15). - 2e tirage : 2003. - Bibliogr. p. [175-]177. Notes bibliogr. ISBN 2-251-76020-2

Cote IHP : 919 77

Bibliothèque - Institut Henri Poincaré - Library

Don Harold LEVINE

Janvier-février 2010 January-February

Applications of Lie groups to differential equations / Peter J. Olver. - New York ; Berlin ; Heidelberg : Springer-Verlag, cop. 1986. - 1 vol. (XXVI-497 p.) : ill. ; 25 cm. - (Graduate texts in mathematics ; 107). - Bibliogr. p. [457]-474. Index.
ISBN 0-387-96250-6

Cote IHP : 818 501 5

Conceptual foundations of quantum mechanics / Bernard d'Espagnat. - 2nd ed., Completely rev., enlarged. - Redwood City : Addison-Wesley : Advanced Book Program, cop. 1989. - 1 vol. (xiv-301 p.) : ill. ; 25 cm. - (Advanced book classics). - Reprint. Originally published: 2nd ed. Reading, Mass. : W.A. Benjamin, Advanced Book Program, 1976. Originally published in series: Mathematical physics monograph series ; 20. - Notes bibliogr. Index.
ISBN 0-201-09388-0 (erroné)

Cote IHP : 418 8 a bis

Differential geometry / William C. Graustein. - New York : Macmillan Company, c1935. - 1 vol. (xi, 230 p.)

Cote IHP : 488 6

Div, grad, curl, and all that : an informal text on vector calculus / H. M. Schey. - New York : Norton, cop. 1973. - X-163 p. : ill. ; 24 cm. - Bibliogr. p. 159-160. Index.
ISBN 0-393-09367-0

Cote IHP : 913 23

Elementary quantum mechanics / David S. Saxon. - San Fransisco : Holden-Day, cop. 1968. - 1 vol. (X-425 p.) ; 24 cm. - (Holden-Day series in physics)

Cote IHP : 907 352

Finite mathematics with applications / A. W. Goodman [and] J. S. Ratti. - New York : Macmillan, cop.1971. - 1 vol. (XIV- 490 p.) : illus. (part col.) ; 24 cm. - Index

Cote IHP : 476 72 a

Fourier series and boundary value problems / Ruel V. Churchill. - Second edition. - New York ; San Francisco ; Toronto : McGraw-Hill ; Tokyo : Kogakusha Company, cop. 1963. - 1 vol. (VIII- 248 p.) : ill. ; 24 cm. - Tirage broché porte aussi : International student edition. - Bibliogr. p. 243-244. Index

Cote IHP : 286 5 a (2nd)

Group representations and special functions / Antoni Wawrzy_czyk ; examples and problems prepared by Aleksander Strasburger. - Dordrecht ; Boston : D. Reidel ; Warszawa : PWN-Polish Scientific Publishers ; Hingham, MA, U.S.A. : Distributed for the U.S.A. and Canada, Kluwer Boston, c1984. - 1 vol. (xvi, 688 p.) : ill. ; 23 cm. - (Mathematics and its applications, East European series). - Trad. de : Wspó_czesna teoria funkcji specjalnych. - Index. - Bibliogr. : p. 672-679.
ISBN 90-277-1269-7

Cote IHP : 980 71

Inequalities / by G.H. Hardy, J.E. Littlewood, G. Pólya. - Cambridge [Eng.] : The University press, 1934. - 1 vol. (xii-314 p.) : diagsr. ; 23 cm. - Bibliogr. p. [300]-314.

Cote IHP : 518 52 d

Introduction to applied mathematics / Gilbert Strang. - Wellesley : Wellesley-Cambridge press, cop. 1986. - 1 vol. (IX-758 p.) : graph. ; 24 cm. - Bibliogr. p. 738-740. Exercices corrigés. Index.
ISBN 0-9614088-0-4 (rel.)

Cote IHP : 942 580

Introduction to matrices and linear transformations / by Daniel T. Finkbeiner, II ; Drawings by Evan Gillespie. - San Francisco : W.H. Freeman, cop. 1960. - 1 vol. (ix-246 p.) ; 25 cm. - (A Series of undergraduate books in mathematics). - Index.

Cote IHP : 440 05

