

Přírůstky v knihovně ÚI AV ČR za rok 2017

Přír. č.	Název	Autor	Údaje o vydání	Signatura	Cena
14251	Accuracy and Stability of Numerical Algorithms	Nicholas J. Higham	Philadelphia : SIAM, 1996	C 1774d	DAR
14252	Speciální matice a jejich použití v numerické matematice	Miroslav Fiedler	Praha : SNTL, 1981.	C 687f	DAR
14253	Introduction to numerical analysis	Arnold Neumaier	Cambridge ; New York : Cambridge University Press, 2001.	C 3415a	DAR
14254	Numerical linear algebra	Lloyd N. Trefethen, David Bau III.	Philadelphia : SIAM, 1997.	C 1891a	DAR
14255	Applied numerical linear algebra	James W. Demmel	Philadelphia, P.A. : SIAM, 1997.	C 1922b	DAR
14256	Generalized inverses : theory and computation	Wang Guorong, Wei Yimin, Qiao Sanzheng.	Beijing : Science Press, 2004.	C 3723	DAR
14257	Generalized concavity in fuzzy optimization and decision analysis	Jaroslav Ramík, Milan Vlach	Boston : Kluwer Academic Publishers, 2002.	C 3724	DAR
14258	Calculus Infinitesimalis pars prima : Úvod do diferenciálního počtu reálných funkcí jedné proměnné	Petr Vopěnka	Praha : Práh, 1996.	B 4503a	DAR
14259	O matematice	Bohuslav Hostinský	Praha : V .Petr, 1942.	B 10	DAR
14260	Linear algebra with applications	Gareth Williams	Boston : Jones and Bartlett, 2001.	C 3731	DAR
14261	Interval methods for systems of equations	Arnold Neumaier	Cambridge : Cambridge University Press, 1990.	C 1409	DAR
14262	Applications of interval computations	edited by R. Baker Kearfott and Vladik Kreinovich	Dordrecht : Kluwer Academic Publishers, 1996.	C 1411	DAR
14263	Petr Hájek on mathematical fuzzy logic	Franco Montagna - editor	Cham : Springer, 2015.	C 3725	2837
14264	Complex numbers and their applications	F. J. Budden	London : Longman, 1970.	B 32	DAR
14265	Matrix Perturbation Theory	G. W. Stewart, Ji-guang Sun	San Diego : Academic Press, 1990.	C 1351	DAR
14266	<A >Survey of Matrix Theory and Matrix Inequalities	M. Marcus, H. Minc	New York : Dover Publications Inc., 1992.	B 4215a	DAR
14267	Robotika : Úvod do teorie kognitivních robotů	I.M. Havel	Praha : SNTL, 1980.	C 585	DAR
14268	Towards efficient fuzzy information processing : using the principle of information diffusion	Chongfu Huang	Heidelberg : Physica-Verlag, 2002.	C 3732	DAR
14269	Adaptive modelling, estimation and fusion from data : a neurofuzzy approach	Chris Harris, Xia Hong	Berlin : Springer, 2002.	C 3726	DAR
14270	Adaptive Control of Nonsmooth Dynamic Systems	Eds. Gang Tao, Frank L. Lewis	London : Springer, 2001.	C 3727	DAR
14271	Seminar on Numerical Analysis SNA '15 : modelling and simulation of challenging engineering problems		Ostrava : Institute of Geonics AS CR, 2015.	A 859/15	DAR

14272	Seminar on Numerical Analysis SNA '17 : modelling and simulation of challenging engineering problems: winter school : methods of numerical mathematics and modelling, high-performance computing, numerical linear algebra : Ostrava, January 30-February 3, 2017	editors Radim Blaheta, Jiří Starý, Dagmar Sysalová.	Ostrava : Institute of Geonics AS CR, 2017.	A 859/17	DAR
14273	Matematika pro lingvisty	Jiří Rohn	Praha : Universita Karlova, 1974	A 13	DAR
14274	Cvičení z matematiky pro I. ročník chemie a biologie	Vlastimil Mikoláš, Jiří Rohn	Praha : UK, 1977.	A 15	DAR
14275	Machine learning control - taming nonlinear dynamics and turbulence	Thomas Duriez, Steven L. Brunt	Switzerland : Springer, 2017.	C 3728	1723
14276	Formal verification of Simulink/Stateflow Diagrams : a deductive approach	Naijun Zhan, Shuling Wang, Hengjun Zhao	Cham : Springer, 2017.	C 3729	2792
14277	Approximate dynamic programming : Solving the curses of dimensionality	Warren B. Powell.	Hoboken : Wiley, 2011.	C 3730	3630
14278	Paměť a rozpoznávání : Příspěvek k sémantické teorii poznávacích procesů	Luděk Kolma	Praha : Academia, 1976.	C 111	DAR
14278	The Theory of Parsing, Translation, and Compiling. Vol.II, Compiling	A. V. Aho, J. D. Ullman	Englewood Cliffs : Prentice-Hall, 1973.	C 44	DAR
14279	Foundations of System Theory: Finitary and Infinitary Conditions	Brian D.O. Anderson, Michael A. A	Berlin : Springer-Verlag, 1976.	C 57	DAR
14280	Grundzüge der modernen Analysis	Jean Dieudonné	Berlin : Deutscher Verlag der Wissenschaften, 1972.	C 58	DAR
14281	General topology = [Orig.: Topologia ogólna]	Ryszard Engelking	Warszawa : Państwowe Wydawnictwo Naukowe, 1977.	C 59	DAR
14282	Intensional and Higher-Order Modal Logic : With Applications to Montague Semantics	Daniel Gallin	Amsterdam : North-Holland, 1975.	C 99	DAR
14284	Commutative Noetherian and Krull Rings	Stanislaw Balcerzyk, Tadeusz Józefiak	Warszawa : PWN, 1989	C 1417	DAR
14284	Tree Automata	Ferenc Gécseg, Magnus Steinby	Budapest : Akadémiai Kiadó, 1984.	C 1138	DAR
14285	Algebraic and Automata-Theoretic Properties of Formal Languages	Seymour Ginsburg	Amsterdam : North-Holland Publ. Comp., 1975.	C 101	DAR
14286	Pattern Synthesis. Volume 1. Lectures in pattern recognition. Lectures in pattern theory	Ulf Grená	New York : Springer-Verlag, 1976.	C 107	DAR
14288	Algebraic Geometry I; Complex, Projective Varieties	David Mumford	Berlin : Springer - Verlag, 1976.	C 112	DAR
14289	Elementary and analytic theory of algebraic numbers	W. Narkiewicz.	Warszawa : Państw. Wydawn. Naukowe, 1974.	C 113	DAR
14290	Codasyl model of simplified life	Václav Polák, Naděžda Poláková	Praha : Academia, 1984.	C 965	DAR

14291	Nonlinear Oscillations, Dynamical Systems, and Bifurcations of Vector Fields	J. Guckenheimer, P. Holmes	Berlin : Springer-Verlag, 1983.	C 1575a	DAR
14292	The mathematics of metamathematics	Helena Rasiowa, Roman Sikorski	Warszawa : PWN - Polish Scientific Publishers, 1970.	C 117	DAR
14293	Groups of Divisibility	Jiří Močkoř	Dordrecht : D. Reidel Publ. Comp., 1983.	C 958	DAR
14294	Combinatorial, Algebraic and Topological Representations of Groups, Semigroups and Categories	Aleš Pultr, Věra Trnková	Praha : Academia, 1980 (PG)	C 959	DAR
14295	Linear Orderings	Joseph G. Rosenstein	New York : Academic Press, 1982.	C 963	DAR
14296	Mathematical equations and inequalities. Volume 1. Thirty three selected published papers of the author (1977-1997)	John M. Rassias	Athens : National and Capodistrian University of Athens, 1997.	C 1941	DAR
14297	Selected Papers	Hugo Steinhaus	Warszawa : PWN, 1985.	C 1432	DAR
14298	Lectures in universal algebra	edited by L. Szabó and Á. Szendrei	Amsterdam : North-Holland, 1986.	C 1439	DAR
14299	Banach algebras	Wiesław Żelazko	Warszawa : Państwowe Wydawnictwo Naukowe, 1973.	C 118	DAR
14300	Algebraic topology : proceedings of the seventeenth annual Summer Research Institute of the American Mathematical Society : held at the University of Wisconsin, Madison, June 29-July 17, 1970	edited by Arunas Liulevicius	Providence, Rhode Island : American Mathematical Society, 1971.	C 38	DAR
14301	Language and automata theory and applications : 11th international conference, LATA 2017, Umeå, Sweden, March 6-9, 2017 proceedings	Frank Drewes, Carlos Martín-Vide, Bianca Truthe (eds.)	Cham : Springer, 2017.	C 3517/17	DAR
14302	Complex analytic varieties	Hassler Whitney	Reading, Massachusetts : Addison-Wesley Publishing Company, 1972.	C 120	DAR
14303	Grassmanns Algebra in der Geometrie mit Seitenblicken auf verwandte Strukturen	Arno Zaddach	Mannheim : B.I. Wissenschaftsverlag, 1994.	C 1447	DAR
14304	Dialógy o matematike	Alfréd Rényi	Bratislava : Alfa, 1977.	B 904a	DAR
14305	Kdo je kdo v České republice na přelomu 20. století : 5000 biografických hesel nejvýznamějších osobností	Michael Třeštík	Praha : Agentura Kdo je kdo, 1998.	E 56	DAR
14306	Kdo je kdo : osobnosti české současnosti : 5000 životopisů = Who is who	Michal Třeštík	Praha : Agentura Kdo je kdo, 2002.	E 57	DAR
14307	Complex Analytic Geometry	Gerd Fischer	Berlin : Springer-Verlag, 1976.	C 130	DAR
14308	Topics in Universal Algebra	Bjarni Jónsson	Berlin : Springer-Verlag, 1972.	C 231	DAR

14309	Geometric methods in mathematical physics : proceedings of an NSF-CBMS conference held at the University of Lowell, Massachusetts, March 19-23, 1979	edited by G. Kaiser and J.E. Marsden	Berlin : Springer-Verlag, 1980.	C 974	DAR
14310	Metamathematics of Fuzzy Logic	Petr Hájek	Dordrecht : Kluwer Academic Publ., 1998.	C 1965h	2017
14311	Úvod do informační vědy	David Bawden, Lyn Robinson	Doubravník : Flow, 2017.	C 3733	349
14312	Multivariate characteristic and correlation functions	Zoltán Sasvári	Berlin : De Gruyter, 2013.	C 3734	3337
14314	Bayesian statistics for the social sciences	David Kaplan	New York : The Guilford Press, 2014.	C 3735	1597
14317	MEDSOFT 2017 : sborník příspěvků, 21.-22. března 2017, Hotel Academic, Roztoky u Prahy	MEDSOFT 2017	Praha : Creative Connections s.r.o.; Agentura Action M, 2017.	B 4483/17	
14318	Mathematical foundations of computer science 2001 : 26th international symposium, MFCS 2001, Mariánské Lázně, Czech Republic, August 27-31, 2001, proceedings	Jiří Sgall, Aleš Pultr, Petr Kolman (eds.)	Berlin : Springer, 2001.	C 1621/01	
14319	Příběhy matematiky : stručná historie královny věd	Milan Mareš	Příbram : Pistorius & Olšanská, 2011.	C 3736	302
14320	Automata, languages and programming : 26th international colloquium, ICALP'99, Prague, Czech Republic, July 11 - 15, 1999, proceedings	Jiří Wiedermann, Peter van Emde Boas, Mogens Nielsen (eds.)	Berlin : Springer, 1999.	C 1639/99	
14322	Computer science - theory and applications : third international computer science symposium in Russia, CSR 2008, Moscow, Russia, June 7-12, 2008 : proceedings	Edward A. Hirsch, Alexander A. Razborov, Alexei Semenov, Anatol Slissenko (eds.)	Berlin : Springer, 2008.	C 3322/08	
14323	The common component modeling example : comparing software component models	Andreas Rausch, Ralf Reussner, Raffaels Miranda, František Plášil (eds.)	Berlin : Springer, 2008.	C 3737	
14324	Dualities for structures of applied logics	Ewa Orłowska, Anna Maria Radzikowska and Ingrid Rewitz	[London] : College Publications, 2015.	C 3738	499
14325	O matematikoch vážne i úsmevne	Milan Kolibiar	[Bratislava] : Jednota slovenských matematikov a fyzikov, 1996.	B 4541	
14326	EuroHCC 2017 : 3rd european historical ciphers colloquium, May 18 - 19, 2017 Smolenice Castle, Slovakia	Editors: Joachim von zur Gathen, Otokar Grošek, Karol Nemoga, Arno Wacker.	Bratislava : Spektrum STU, 2017.	C 3739	

14327	Analýza dat 2016 : statistické metody pro technologii a výzkum : statistické metody pro řízení jakosti technologickou, vyzkumnou a zkušební praxi : celostátní seminář a workshop, Pardubice 13.-15. 12. 2016	editor: Karel Kupka	Pardubice : TriloByte Statistical Software, [2016].	A 901/16	
14328	Základy statistiky v prostředí R	Karel Zvára	Praha : Karolinum, 2013.	B 4542	213
14329	Biostatistika	Jan Lepš, Petr Šmilauer	České Budějovice : Nakladatelství Jihočeské univerzity v Českých Budějovicích, 2016.	B 4543	269
14330	Biostatistika pro lékaře : principy základních metod a jejich interpretace s využitím statistického systému R	Bohumír Procházka	V Praze : Univerzita Karlova, nakladatelství Karolinum, 2015.	C 3740	323
14331	Hands-on machine learning with Scikit-Learn and TensorFlow : concepts, tools, and techniques to build intelligent systems	Aurélien Géron	Beijing : O'Reilly, [2017].	C 3741	937
14332	Deep learning with Keras : implement neural networks with Keras on Theano and TensorFlow	Antonio Gulli, Sujit Pal	Birmingham : Packt Publishing, 2017.	C 3742	1318
14333	Fundamentals of deep learning : designing next-generation machine intelligence algorithms	Nikhil Buduma, with contributions by Nicholas Locascio	Beijing : O'Reilly, 2017.	C 3743	886
14334	Introduction to smooth manifolds	John M. Lee	New York : Springer, 2013.	C 3744	1698
14335	Galoissche Theorie	von Dr. E. Artin	Leipzig : B. G. Teubner Verlagsgesellschaft, 1965.	B 12	
14336	Counterexamples in analysis	Bernard R. Gelbaum, John M.H. Olmsted	Mineola : Dover Publication, Inc., 2003.	B 4544	284
14337	Game theory with engineering applications	Darje Bauso	Philadelphia : SIAM - Society for Industrial and Applied Mathematics, [2016].	C 3745	1756
14338	Statistical rules of thumb	Gerald van Belle	Hoboken : A John Wiley & Sons, Inc., Publication, [2008].	C 3746	2002
14339	Decision procedures : an algorithmic point of view	Daniel Kroening, Ofer Strichman	Berlin : Springer, [2016].	C 3747	1523
14340	Oxford handbook of medical statistics	Janet L. Peacock, Philip J. Peacock	Oxford : Oxford University Press, 2011.	B 4545	831
14341	Presenting medical statistics : from proposal to publication	Janet L. Peacock, Sally M. Kerry, Raymond R. Balise	New York : Oxford University Press, [2017].	C 3748	836
14342	Formal modeling and analysis of timed systems : 15th international conference, FORMATS 2017, Berlin, Germany, September 5-7, 2017 ; proceedings	Alessandro Abate, Gilles Geeraerts (eds.)	Cham : Springer, [2017].	C 3357/17	DAR

14343	Probability on trees and networks	Russell Lyons, Yuval Peres	New York : Cambridge University Press, [2016].	C 3749	1295
14344	Probability and computing : randomization and probabilistic techniques in algorithms and data analysis	Michael Mitzenmacher, Eli Upfal	Cambridge : Cambridge University Press, [2017].	C 3750	1179
14345	Graph theory	Reinhard Diestel	Berlin : Springer, [2017].	C 3751	1357
14346	Engineering applications of neural networks : 18th international conference, EANN 2017 Athens, Greece, August 25-27, 2017 : proceedings	Giacomo Boracchi, Lazaros Iliadis, Chrisina Jayne, Aristidis Likas (eds.)	Cham : Springer, [2017].	C 3406/17	
14347	ITAT 2017 : information technologies - applications and theory ; proceedings of the 17th conference ITAT 2017 ; Martinské hole, Slovakia, September 22-26, 2017	Jaroslava Hlaváčová (ed.)	[Praha?] : Createspace independent publishing platform, 2017.	C 2453/17	
14348	Geometric problems in the theory of infinite-dimensional probability distributions = Geometričeskíe problémy teorii beskoněčnomerných verojatnostnych raspredelenij	V. N. Sudakov; translated by H. H. McFaden	Providence : American Mathematical Society, 1979.	C 3752	2554
14349	Learning TensorFlow : a guide to building deep learning systems	Tom Hope, Yehezkel S. Resheff, and	Beijing : O'Reilly, 2017.	C 3753	832
14350	Deep learning : a practitioner's approach	Josh Patterson and Adam Gibson	Beijing : O'Reilly, 2017.	C 3754	936
14351	Deep learning	Ian Goodfellow, Yoshua Bengio and Aaron Courville	Cambridge : The MIT Press, [2016].	C 3755	2036
14352	Active learning	Burr Settles	[San Rafael, California] : Morgan & Claypool Publishers, [2012].	C 3756	967
14353	Logika pro informatiky (a příbuzné obory) : učební text	Marie Duží	Ostrava : VŠB-TU Ostrava, c2012.	A 944	
14354	34th international conference Mathematical methods in economics : MME 2016 : Book of abstracts : Liberec, Czech Republic, September 6th - 9th, 2016	Editors Aleš Kocourek, Miroslav Vavroušek.	Liberec : Technical University of Liberec, 2016.	B 4546/16	DAR
14355	35th international conference Mathematical methods in economics : MME 2017 : Book of abstracts : Hradec Králové, Czech Republic, September 13th - 15th, 2017	Editor Pavel Pražák.	Hradec Králové : University of Hradec Králové, 2017.	B 4546/17	DAR
14356	Analyza dat z dotazníkových šetření	Hana Řezanková	Praha : Professional Publishing, 2017.	C 3757	322
14357	Modern analysis of biological data : generalized linear models in R	Stano Pekár, Marek Brabec	Brno : Masaryk University, 2016.	C 3758	315
14358	Logic, rationality, and interaction : 6th international workshop, LORI 2017, Sapporo, Japan, September 11-14, 2017 : proceedings	Alexandru Baltag, Jeremy Seligman, Tomoyuki Yamada (eds.).	Berlin : Springer, [2017].	C 3759	

14359	An algebraic approach to non-classical logics	Helena Rasiowa	Warszawa : PWN - Polish Scientific Publishers, Amsterdam : North-Holland Publishing Company, 1974.	B 23	
14360	The world system : models, norms, applications	Edited by Ervin Laszlo	New York : George Braziller, [1973].	B 17	
14361	Philosophical logic and artificial intelligence	edited by Richmond H. Thomason	Dordrecht : Kluwer Academic Publishers, [1989].	C 1466	
14362	Mathematics tomorrow	edited by Lynn Arthur Steen	New York : Springer-Verlag, [1981].	C 976	
14363	Superior beings if they exist, how would we know? : game-theoretic implications of omniscience, omnipotence, immortality, and incomprehensibility	Steven J. Brams.	New York : Springer-Verlag, [1983].	C 975	
14364	Iterative solution of symmetric quasi-definite linear systems	Dominique Orban, Mario Arioli	Philadelphia : SIAM, [2017].	C 3760	921
14365	Decidability and Boolean representations. Part I., Decidable varieties with modular congruence lattices. Part II., Boolean representable varieties	Stanley Burris, Ralph McKenzie	Providence : Published by the American Mathematical Society, 1981.	C 990	
14366	Principles of probability dynamics : the theory of rational revisions of degrees of belief	Amos Nathan	Jerusalem : Amos Nathan, 1997.	C 1888	
14367	Technologies for constructing intelligent systems 2 : tools	Bernadette Bouchon-Meunier, Julio Gutiérrez-Ríos, Luis Magdalena, Ronald R. Yager editors.	Heidelberg : Physica-Verlag, 2002.	C 1388	
14368	Transactions of the eighth Prague conference on information theory, statistical decision functions, random processes : held at Prague, from August 28 to September 1, 1978. Volume C	Executive editor Miloslav Driml	Prague : Academia, 1979.	C 555/3	
14369	Educational measurement	edited by Robert L. Brennan	Westport, Connecticut : Praeger Publishers, 2006.	A 945	3876
14370	Interval analysis : and automatic result verification	Günter Mayer	Berlin : De Gruyter, [2017].	C 3761	2771
14371	Iterative solution of symmetric quasi-definite linear systems	Dominique Orban, Mario Arioli.	Philadelphia : SIAM, [2017].	C 3760a	1024
14372	Život a dílo Vladimíra Tardyho	Alena Plháčková, Olga Pechová	Praha : Academia, 2012.	B 4547	
14373	O škole a vzdělávání : sborník z konference Matematika - základ evropské vzdělanosti : Hradec Králové, 20. a 21. září 2007	Martina Bečvářová (ed.)	Praha : Matfyzpress, 2007.	C 3762	
14374	Česká matematická komunita : v letech 1848-1918	Martina Bečvářová	Praha : Matfyzpress, 2008.	C 3763	
14375	Modern analysis of biological data : generalized linear models in R	Stano Pekár, Marek Brabec	Brno : Masaryk University, 2016.	C 3758a	315

14376	Altmetrics : a practical guide for librarians, reserchers and academics	edited by Andy Tattersall	London : Facet Publishing, 2016.	C 3764	1423
14377	Defending the axioms : on the philosophical foundations of set theory	Penelope Maddy	Oxford : Oxford University Press, 2013.	B 4548	611
14378	Moderní analýza biologických dat. 2. díl, Lineární modely s korelacemi v prostředí R	Stano Pekár, Marek Brabec	Brno : Masarykova univerzita, 2012.	C 3427a/2	269
14379	Fuzzy logic and mathematics : a historical perspective	Radim Bělohávek, Joseph W. Dauben, George J. Klir	New York : Oxford University Press, [2017].	C 3765	1895
14380	Negative binomial regression	Joseph M. Hilbe	Cambridge : Cambridge University Press, 2011.	C 3766	1710
14381	Matrix analysis and applications	Xian-Da Zhang	Cambridge : Cambridge University Press, 2017.	C 3767	1525
14382	Statistical methods for the social sciences	Alan Agresti	Boston : Pearson, [2018].	C 3768	4268
14383	The R book	Michael J. Crawley	Chichester : Wiley, 2013.	C 3769	1648
14384	Extending the linear model with R : generalized linear, mixed effects and nonparametric regression m	Julian J. Faraway	Boca Raton : CRC Press, [2016].	C 3770	1664
14385	Convex and set-valued analysis : selected topics	Aram V. Arutyunov, Valeri Obukhovskii	Berlin : De Gruyter, [2017].	C 3771	1280
14386	Machine learning : a probabilistic perspective	Kevin P. Murphy	Cambridge ; London : MIT Press, c2012.	C 3772	1754
14387	Other minds : the octopus, the sea, and the deep origins of consciousness	Peter Godfrey-Smith	New York : Farrar, Straus and Giroux, 2017.	B 4549	316.42
14389	Groups, graphs and trees : an introduction to the geometry of infinite groups	John Meier	Cambridge : Cambridge University Press, 2008.	C 3774	965
14389	Foundations of linear and generalized linear models	Alan Agresti	Hoboken : Wiley, [2015].	C 3773	2647
14390	Representation theory of finite groups : an introductory approach	Benjamin Steinberg.	New York ; : Springer, [2012].	C 3775	781
14391	Extremal combinatorics : with applications in computer science	Stasys Jukna	Berlin : Springer, [2011].	C 3776	1489
14392	Concentration inequalities : a nonasymptotic theory of independence	Stéphane Boucheron, Gábor Lugosi, Pascal Massart	Oxford : Oxford University Press, 2016.	C 3777	820
14393	Discrete probability models and methods : probability on graphs and trees, Markov chains and random fields, entropy and coding	Pierre Brémaud	[Cham] : Springer, 2017.	C 3778	1774
14394	Applied longitudinal data analysis : modeling change and event occurence	Judith D. Singer, John B. Willett	Oxford : Oxford University Press, 2003.	C 2817a	
14395	Consciousness : confessions of a romantic reductionist	Christof Koch	Cambridge, Massachusetts : The MIT Press, 2017.	C 3779	358