

SECȚIA Ingineria informației

ANUL 3

Semestrul 1

BIBLIOGRAFIE : Limbaje formale si tehnici de compilare

Nr	Cota Sala	Cota Imprumut	Autor / Titlu	Observatii biblioteca
1	A-29k-3		A.V. AHO, D.J. ULLMAN - Principles of computer design, Addison-Wesley, 1978.	an 1977
2	A-29k		A.V. AHO, D.J. ULLMAN - The theory of parsing, translation and compiling, Prentice-Hall, Engl. Cliffs., N.J., 1972, 1973.	
3	nu este		D. GRIES - Compiler construction for digital computers., John Wiley, New York, 1971.	
4	nu este		SIPSER, M., Introduction to the theory of computation, PWS Pulb. Co., 1997.	
5	2901		G. MOLDOVAN, V. CIOBAN, M. LUPEA - Limbaje formale si automate. Culegere de probleme, Univ. Babes-Bolyai, Cluj-Napoca, 1996.,l http://math.ubbcluj.ro/~infodist/alf/INDEX.HTM	
6	1517		CSÖRNYEI ZOLTÁN, Bevezetés a fordítóprogramok elméletébe, I, II., ELTE, Budapest, 1996	an 1992-1993
7	4106		L.D. SERBANATI - Limbaje de programare si compilatoare, Ed. Academiei RSR, 1987.	
8	nu este		CSÖRNYEI ZOLTÁN, Fordítási algoritmusok, Erdélyi Tankönyvtanács, Kolozsvár, 2000.	
9	3965		DEMETROVICS JÁNOS-DENEV, J.-PAVLOV, R., A számítástudomány matematikai alapjai, Nemzeti Tankönyvkiadó, Budapest, 1999.	an 1994

BIBLIOGRAFIE : Modelarea sistemelor soft

Nr	Cota Sala	Cota Imprumut	Autor / Titlu	Observatii biblioteca
1	nu este		[Ambler04] Ambler, S.W. The Object Primer: Agile Model-Driven Development with UML 2.0. Cambridge University Press, 2004.	
2	nu este		[Fowler99] Fowler, M. Analysis Patterns – Reusable Object Models. Addison-Wesley, 1997.	
3	nu este		[Evans03] Evans, E. Domain-Driven Design: Tackling Complexity in the Heart of Software. Addison-Wesley, 2003.	
4	nu este		[Konig07] Konig, D. Groovy in Action. Manning, 2007.	
5	nu este		[Rocher06] Rocher, G.K. The Definitive Guide to Grails. Apress, 2006.	
6	adresa		[OMG03] OMG.MDA Guide Version 1.0.1.Object Management Group, 2003. http://www.omg.org/docs/omg/03-06-01.pdf	
7	adresa		[OMG06] OMG. Business Process Modeling Notation Specification, V1.0. Object Management Group, 2006. http://www.bpmn.org/	
8	adresa		[WPI06] Workflow Patterns Initiative. Control-Flow, Data, Resource, and Exception Handling Patterns. Workflow Patterns Home Page, 2006. http://www.workflowpatterns.com/	

BIBLIOGRAFIE : Ecuatiile fizicii matematice (fara bibliografie)

BIBLIOGRAFIE : Teoria sistemelor (fara bibliografie)

BIBLIOGRAFIE : Teoria informatiei				
Nr	Cota Sala	Cota Imprumut	Autor / Titlu	Observatii biblioteca
1	nu este		Gray R.M., Entropy and Information Theory, Springer, 1999	
2	2666	L519.2/B-56-1	Blaga, P., Calculul probabilităților și statistică matematică. Vol. II. Curs și culegere de probleme, UBB, Cluj-Napoca, 1994.	
3	6183	519.22/B-56	Blaga, P., Statistica... prin Matlab, Presa Universitară Clujeană, Cluj-Napoca, 2002.	
4	BCU		Murgan A. T., "Principiile teoriei Informatiei in ingineria informatiei si a comunicatiilor", Editura Academiei Romane, Bucuresti, 1998	an 2000
5	5594	519.21/S-68	Soós A., Bevezetés a valószínűség-számításba, Presa Universitara Clujeana, 2001.	
Disciplina facultativa				
BIBLIOGRAFIE : Redactarea documentelor in LaTeX				
Nr	Cota Sala	Cota Imprumut	Autor / Titlu	Observatii biblioteca
1	5002	004.42/B-56	Paul A. Blaga, Horia F. Pop - Introducere in LaTeX2e, Ed. Tehnica, Bucuresti, 2000	
2	5219		George Gratzer - More Math into LaTeX, Springer, 2007	an 2000
3	nu este		Leslie Lamport - LaTeX (editia a doua), Addison-Wesley, 1995	
Discipline oferite pentru cursurile optionale 2				
Pachetul cu discipline in I. romana :				
BIBLIOGRAFIE : Programare distribuita - platforme Java				
Nr	Cota Sala	Cota Imprumut	Autor / Titlu	Observatii biblioteca
1	4640		ATHANASIU I., Limbajul Java, Editura Computer Libris Agora, Cluj, 1998	
2	6231	004.03/P-94	BOIAN F.M., FERDEAN C. M., BOIAN R.F. DRAGOS R.C. Programare concurenta pe platforme Unix, Windows, Editura Albastra - grupul Microinformatica, Cluj, 2002	
3	4073	004.4/B-65	BOIAN F.M., Programare distribuita in Internet; metode si aplicatii, Editura Albastra, Cluj, 1998	
4	nu este		DARWIN I. Java CookBook, O' Reilly, 2001	
5	nu este		GEARY D.M. Advanced Java Server Pages, O'Reilly, 2001	
6	nu este		HUNTER J. Java Servlet Programming O'Reilly, 1998	
7	nu este		KURNIAWAN B. Java for the Web with Servlet, JSP, and EJB: A Developer's Guide to J2EE Solutions. Wrox press, 2003	
8	nu este		NEWARD T. Server Based Java Programming, O'Reilly, 2000	
9	adresa		*** http://java.sun.com/docs/guide/net/index.html	

10	adresa		*** http://java.sun.com/docs/guide/rmi/index.html	
BIBLIOGRAFIE : Analiza si gestiunea sistemelor informatice complexe				
Nr	Cota Sala	Cota Imprumut	Autor / Titlu	Observatii biblioteca
1	nu este		BOOCH, GREEDY: Object-Oriented Analysis and Design with Applications (second edition), Addison-Wesley, Menlo Park CA, 1993	
2	nu este		COOK, STEVE - DANIELS, JACK: Designing Object Systems: Object-Oriented Modeling with Syntropy, Prentice Hall International, Hemel Hempstead, UK, 1994	
3	nu este		JACOBSON, IVAR - ERICSSON, M. - JACOBSON, A.: The Object Advantage: Business Process Engineering with Object Technology, Addison-Wesley, 1995	
4	nu este		MORRIS, P. W. G.: The Management of Projects, Thomas Telford Services Ltd, London, 1994	
5	adresa		OBJECT MANAGEMENT GROUP: OMG Unified Modeling Language Specification, http://www.rational.com/	
6	1024		PRESSMAN, R. S.: Making Software Engineering Happen, Prentice Hall, London, 1988	
7	nu este		QUATRANI, TERRY: Visual Modeling with Rational Rose and UML, ed. Addison-Wesley, 1998	
8	nu este		REED, PAUL R. JR.: Developing applications with Visual Basic and UML, ed. Addison-Wesley, 1999	
9	nu este		RUMBAUGH, JAMES: Object-Oriented Modeling and Design, ed. Prentice Hall, Englewood Cliffs, 1991	
10	nu este		WEISS, J. W. - WYSOCKI, R.: 5-Phase Project Management: A Practical Planning and Implementation Guide, Addison-Wesley, Reading, Mass, 1994	
BIBLIOGRAFIE : Calcul evolutiv				
Nr	Cota Sala	Cota Imprumut	Autor / Titlu	Observatii biblioteca
1	5288		DUMITRESCU,D.,B Lazzzerini,Evolutionary Computation, CRC Press, New York, Boca Raton, 2000	
2	nu este		DUMITRESCU,D.,B Lazzzerini,Fuzzy Sets and treir Application in Training and Clustering , CRC Press, New York, Boca Raton, 2000	
3	5312	004.8/D-91-1	DUMITRESCU, D.,Principiile Inteligentei artificiale, Editura Albastra, Cluj,2000.	an 1999
4	5289		DUMITRESCU, D.,Principiile teoriei clasificarii, Editura Academiei, Bucuresti,2000.	an 1999
5	5433	004.8/D-91-1	DUMITRESCU, D.,Algoritmi genetici si strategii evolutive. Aplicatii in Inteligenta Artificiala, Editura Albastra, Cluj,2000.	
6	2844	L681.3/D-91-1	DUMITRESCU, D., Inteligenta artificiala, Univ. "Babes-Bolyai", 1995.	

7	nu este		GOLDBERG, D. E., Genetic Algorithm. Addison-Wesley, Reading, 1989.	
8	nu este		MICHALEWICZ, Z., Genetic Algorithms + Data Structures = Evolution Programs, Springer, Berlin, 1992	
BIBLIOGRAFIE : Sisteme de operare distribuite				
Nr	Cota Sala	Cota Imprumut	Autor / Titlu	Observatii biblioteca
1	2467	681.3/B-65	BOIAN F.M. Sisteme de operare interactive. Ed. Libris, Cluj, 1994	
2	4073	004.4/B-65	BOIAN F.M. Programare distribuita in Internet; metode si aplicatii, Ed. Albastra ,Cluj, 1997	
3	6231	004.03/P-94	BOIAN F.M. FERDEAN C.M., BOIAN R.F., DRAGOS R.C. Programare concurenta pe platforme Unix, Windows, Java. Ed. Albastra, grupul Microinformatica, Cluj, 2002	
4	nu este		BURAGA S. Tehnologii Web. Ed. MATRIX ROM, Bucuresti, 2001	
5	6234		BURAGA S., TARHON V., TANASĂ, S. Programare Web in Bash si Perl. Ed. Polirom, Iasi, 2002	
6	4973		IGNAT I. KACSO A. Unix: generarea proceselor. Ed. Albastra, grupul Microinformatica, Cluj, 1995	
7	2012		NYE A. Xlib Programming Manual. Sun Press, 1988	
8	adresa		*** HTML 4.01 Specification. http://www.w3.org/TR/1999/REC-html401-19991224	
9	adresa		*** UNIX Unleashed, Internet Edition. http://docs.rinet.ru:8083/UNIXi/	
10	adresa		*** Windows NT4 Server Unleashed. http://docs.rinet.ru:8083/NT4/	

Pachetul cu discipline in I. maghiara :

BIBLIOGRAFIE : Date semistructurate				
Nr	Cota Sala	Cota Imprumut	Autor / Titlu	Observatii biblioteca
1	nu este		S. ABITEBOUL, R. HULL, V. VIANU: Foundations of Databases, Addison-Wesley Publishing Company, 1995.	
2	nu este		S. ABITEBOUL, P. BUNEMAN, D. SUCIU: Data on the Web, Morgan Kaufmann, San Fracisco, 2000.	
3	nu este		E. BERTINO, L. MARTINO: Object-Oriented Database Systems, Concept and Arhitectures, Addison-Wesley, 1993.	
4	nu este		D. N. CHORAFAS, H. STEINMANN: Object-Oriented Databases, PTR Prentice-Hall, 1993.	
5	BCUsi7468		C. J. DATE: Baze de date, Editia a opta, Editura Plus, 2005.	BCU/2005 si 2004/mat
6	nu este		C. FUNG, K. KARLAPEM, Q. LI: Complex Object Retrieval via Structural Join Index Hierarchy Mechanisms: Evaluation and Selection Approaches", Proceedings of the Ninth International Conference on Information Knowledge Management CIKM 2000.	
7	4741		R. RAMAKRISHNAN: Database Management Systems, WCB McGraw-Hill, Boston, 1998.	an 1997
8	nu este		M. STONEBRAKER: Object-Relational DBMSs, Morgan Kaufmann Publishers, San Fransisco, 1996.	
9	nu este		J. D. ULLMAN, J. WIDOM: A First Course in Database Systems, Prentice Hall Upper Saddle River, New Jersey, 1997.	

BIBLIOGRAFIE : Analiza algoritmilor

Nr	Cota Sala	Cota Imprumut	Autor / Titlu	Observatii biblioteca
1	6440		CORMEN, T. - LEISERSON, CH. - RIVEST, R. - STEIN, C. : Uj algoritmusok, Scolar KiadÁ³, Budapest, 2003.	
2	5297	004.021/C-71	CORMEN, T. - LEISERSON, CH. - RIVEST, R. : Introducere in algoritmi, Editura Computer Libris	

			Agora, Cluj-Napoca, 2000.	
3	nu este		BRASSARD, G. - BRATLEY, P. : Algorithmics: Theory and Practice, Prentice Hall, 1988.	an 1991
4	nu este		BRASSARD, G. - BRATLEY, P. : Fundamentals of Algorithmics, Prentice Hall, 1996.	
5	nu este		HOROWITZ, E. - SAHNI, S. : Fundamentals of Computer Algorithms, Computer Science Press, 1978.	
6	nu este		HOROWITZ, E. - SAHNI, S. - RAJASEKARAN, S. : Computer Algorithms, Computer Science Press, 1998	
7	5084		KNUTH, D. : Arta programĂrii calculatoarelor, vol. III, Sortare Ăi CĂutare, Editura Teora, Bucuresti, 2001	an 1989
8	6339		RONYAI, L. - IVANYOS, G. - SZABO, R. : Algoritmusok, Typotex, Budapest, 1999.	
9	6561		STORER, J.A. : An Introduction to Data Structures and Algorithms, Birkhauser Springer 2002	
10	4600		WIRTH, N. : Algorithms + Data Structures = Programs, Prentice Hall, 1976.	
BIBLIOGRAFIE : Sisteme de operare distribuite				
Nr	Cota Sala	Cota Imprumut	Autor / Titlu	Observatii biblioteca
1	2467	681.3/B-65	BOIAN F.M. Sisteme de operare interactive. Ed. Libris, Cluj, 1994	
2	4073	004.4/B-65	BOIAN F.M. Programare distribuita in Internet; metode si aplicatii, Ed. Albastra ,Cluj, 1997	
3	6231	004.03/P-94	BOIAN F.M. FERDEAN C.M., BOIAN R.F., DRAGOS R.C. Programare concurenta pe platforme Unix, Windows, Java. Ed. Albastra, grupul Microinformatica, Cluj, 2002	
4	nu este		BURAGA S. Tehnologii Web. Ed. MATRIX ROM, Bucuresti, 2001	
5	6234		BURAGA S., TARHON V., TANASĂ, S. Programare Web in Bash si Perl. Ed. Polirom, Iasi, 2002	
6	4973		IGNAT I. KACSO A. Unix: generarea proceselor. Ed. Albastra, grupul Microinformatica, Cluj, 1995	
7	2012		NYE A. Xlib Programming Manual. Sun Press, 1988	
8	adresa		*** HTML 4.01 Specification. http://www.w3.org/TR/1999/REC-html401-19991224	
9	adresa		*** UNIX Unleashed, Internet Edition. http://docs.rinet.ru:8083/UNIXi/	
10	adresa		*** Windows NT4 Server Unleashed. http://docs.rinet.ru:8083/NT4/	
BIBLIOGRAFIE : Sabloane de proiectare				
Nr	Cota Sala	Cota Imprumut	Autor / Titlu	Observatii biblioteca
1	nu este		COOPER, JAMES W.: The Design Patterns Java Companion, Addison-Wesley, 1998.	

2	adresa		COPLIEN, JAMES: Multi-Paradigm Design, PhD Thesis, Vrije Universiteit Brussel, 2000	
			[http://www.netobjectives.com/download/CoplienThesis.pdf].	
3	adresa		ECKEL, BRUCE: Thinking in Patterns with Java [http://www.bruceeckel.com].	
4	6407		GAMMA, ERICH - HELM, RICHARD, - JOHNSON, RALPH - VLISSIDES, JOHN: Design Patterns -	an 2002
			Elements of Reusable Object-Oriented Software, Addison-Wesley, 1995.	
5	nu este		MARTIN, ROBERT CECIL: Agile Software Development: Principles, Patterns, and Practices, Prentice-	
			Hall, 2002	
6	nu este		STELTING, STEPHEN - MAASSEN, OLAV: Applied Java Patterns, Prentice Hall, 2001.	
7	adresa		Data and Object Factory Patterns, [http://www.dofactory.com/patterns/Patterns.aspx]	

Pachetul cu discipline in l. engleza

BIBLIOGRAFIE : Baze de date spatiale				
Nr	Cota Sala	Cota Imprumut	Autor / Titlu	Observatii biblioteca
1	nu este		Shashi Shekhar, Sanjay Chawla , Spatial Databases: A Tour , Prentice Hall, 2003	
2	nu este		Manfred M. Fischer, Peter Nijkamp - Geographic Information Systems, Spatial Modelling and Policy Evaluation, Springer-	
			Verlag GmbH (1993)	
3	7903		Emmanuel Stefanakis - Geographic Databases and GIS 2008	GIS/Gavris G.
4	nu este		Gabriel M Kuper, Leonid Libkin, Jan Paredaens (Editors) - Constraint Databases. Springer 2000	
5	nu este		Applications of Spatial Data Structures: Computer Graphics, Image Processing and Gis, 1989	
BIBLIOGRAFIE : Calcul evolutiv				
Nr	Cota Sala	Cota Imprumut	Autor / Titlu	Observatii biblioteca
1	5288		DUMITRESCU,D.,B Lazzerini,Evolutionary Computation, CRC Press, New York, Boca Raton, 2000	
2	nu este		DUMITRESCU,D.,B Lazzerini,Fuzzy Sets and treir Application in Training and Clustering , CRC Press,	
			New York, Boca Raton, 2000	
3	5312	004.8/D-91-1	DUMITRESCU, D.,Principiile Inteligentei artificiale, Editura Albastra, Cluj,2000.	an 1999
4	5289		DUMITRESCU, D.,Principiile teoriei clasificarii, Editura Academiei, Bucuresti,2000.	an 1999
5	5433	004.8/D-91-1	DUMITRESCU, D.,Algoritmi genetici si strategii evolute. Aplicatii in Inteligenta Artificiala, Editura Albastra,	

			Cluj,2000.	
6	2844	L681.3/D-91-1	DUMITRESCU, D., Inteligenta artificiala, Univ. "Babes-Bolyai", 1995.	
7	nu este		GOLDBERG, D. E., Genetic Algorithm. Addison-Wesley, Reading, 1989.	
8	nu este		MICHALEWICZ, Z., Genetic Algorithms + Data Structures = Evolution Programs, Springer, Berlin, 1992	
BIBLIOGRAFIE : Sisteme de operare distribuite				
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1	2467	681.3/B-65	BOIAN F.M. Sisteme de operare interactive. Ed. Libris, Cluj, 1994	
2	4073	004.4/B-65	BOIAN F.M. Programare distribuita in Internet; metode si aplicatii, Ed. Albastra ,Cluj, 1997	
3	6231	004.03/P-94	BOIAN F.M. FERDEAN C.M., BOIAN R.F., DRAGOS R.C. Programare concurenta pe platforme Unix, Windows, Java. Ed. Albastra, grupul Microinformatica, Cluj, 2002	
4	nu este		BURAGA S. Tehnologii Web. Ed. MATRIX ROM, Bucuresti, 2001	
5	6234		BURAGA S., TARHON V., TANASĂ, S. Programare Web in Bash si Perl. Ed. Polirom, Iasi, 2002	
6	4973		IGNAT I. KACSO A. Unix: generarea proceselor. Ed. Albastra, grupul Microinformatica, Cluj, 1995	
7	2012		NYE A. Xlib Programming Manual. Sun Press, 1988	
8	adresa		*** HTML 4.01 Specification. http://www.w3.org/TR/1999/REC-html401-19991224	
9	adresa		*** UNIX Unleashed, Internet Edition. http://docs.rinet.ru:8083/UNIXi/	
10	adresa		*** Windows NT4 Server Unleashed. http://docs.rinet.ru:8083/NT4/	