

Študijska literatura po študijskih programih na Oddelku za matematiko UL FMF:

FINANČNA MATEMATIKA (1000403) UNIVERZITETNI, PRVA STOPNJA

Afina in projektivna geometrija

Temeljni viri in literatura:

1. M. Berger: Geometry. 1, Berlin : Springer, cop. 1987.
2. M. Berger: Geometry. 2, Berlin : Springer, cop. 1987.
3. T. Košir, B. Magajna: Transformacije v geometriji, Ljubljana : Društvo matematikov, fizikov in astronomov Slovenije, 1997.
4. E. G. Rees: Notes on geometry, Berlin : Springer, 1983.
5. R. A. Rosenbaum: Introduction to projective geometry and modern algebra, Reading : Addison-Wesley, cop. 1963.
6. I. Vidav: Afina in projektivna geometrija, Ljubljana : Društvo matematikov, fizikov in astronomov SRS, 1981.

Algebra 1

Temeljni viri in literatura:

1. M. Dobovišek, D. Kobal, B. Magajna: Naloge iz algebre I, Ljubljana : DMFA-založništvo, 2005, 2011, 2016.
2. J. Grasselli, A. Vadnal: Linearna algebra. Linearno programiranje, Ljubljana : DMFA - založništvo, 1994, 2003.
3. F. Križanič: Linearna algebra in linearna analiza, Ljubljana : Državna založba Slovenije, 1993.
4. I. Vidav: Algebra, Ljubljana : DMFA - založništvo, 2003, 2010.

Algebra 2

Temeljni viri in literatura:

1. M. Brešar: Uvod v algebro, Ljubljana : DMFA – založništvo, 2018.
2. M. Brešar: Undergraduate algebra : a unified approach, Cham : Springer, cop. 2019.
3. J. A. Gallian: Contemporary abstract algebra, 4th ed., Boston : Houghton Mifflin Company, cop. 1998.
4. I. N. Herstein: Abstract algebra, 3rd ed., Hoboken : J. Wiley & Sons, cop. 1999.
5. S. Lang: Undergraduate Algebra, 2nd ed., New York : Springer, cop. 1990.
6. L. Rowen: Algebra : groups, rings, and fields, Wellesley (Mass.) : A K Peters, cop. 1994.
7. I. Vidav: Algebra, Ljubljana : DMFA - založništvo, 2003, 2010.

Algebra 3

Temeljni viri in literatura:

1. P. M. Cohn: Algebra, 2nd ed., Chichester : J. Wiley & Sons, 1997, 1989, 1991.
2. J. A. Gallian: Contemporary abstract algebra, 4th ed., Boston : Houghton Mifflin Company, cop. 1998.

3. T. W. Hungerford: Algebra, new York : Springer, 1974.
4. J. Rotman: Galois Theory, 2nd ed., New York : Springer, 1998.
5. I. Vidav: Algebra, Ljubljana : DMFA - založništvo, 2003, 2010.

Algebraične krivulje

Temeljni viri in literatura:

1. C. H. Clemens: A scrapbook of complex curve theory, 2nd ed., Providence : AMS, cop. 2003.
2. G. Fischer: Plane algebraic curves, Providence : AMS, cop. 2001.
3. C. G. Gibson: Elementary geometry of algebraic curves : an undergraduate introduction, Cambridge : Cambridge University Press, cop. 1998.
4. K. Hulek: Elementary algebraic geometry, Providence : AMS, cop. 2003.
5. F. Kirwan: Complex algebraic curves, Cambridge : Cambridge University Press, cop. 1992.
6. M. Reid: Undergraduate algebraic geometry, Cambridge : Cambridge University Press, 1992.

Analiza 1

Temeljni viri in literatura:

1. G. N. Berman: A problem book in mathematical analysis, Moscow : Mir Publishers, 1980.
2. S. Lang: Calculus of several variables, 3rd ed., New York : Springer, cop. 1987.
3. P. Mizori-Oblak: Matematika za študente tehnike in naravoslovja. Del 1, 6. izd., Ljubljana : Fakulteta za strojništvo, cop. 1997, 2001.
4. P. Mizori-Oblak: Matematika za študente tehnike in naravoslovja. Del 2, 6. izd., Ljubljana : Fakulteta za strojništvo, cop. 1997.
5. K. A. Ross: Elementary analysis : the theory of calculus, 2nd ed., New York : Springer, cop. 2013.
6. J. Stewart: Calculus, 6th ed., Belmont : Brooks/Cole, cop. 2009.
7. S. Strle: Analiza 1 : za študente Finančne matematike, DMFA – založništvo, Ljubljana, 2021.
8. G. Tomšič, B. Orel, N. Mramor Kosta: Matematika I, 4. izd., Ljubljana : Fakulteta za elektrotehniko : Fakulteta za računalništvo in informatiko, 2004.
9. G. Tomšič, B. Orel, N. Mramor Kosta: Matematika II, 4. izd., Ljubljana : Fakulteta za elektrotehniko, 2005.
10. I. Vidav: Višja matematika I, 10., 11. in 12., nespremenjena izd. - Ljubljana : DMFA - založništvo, 1990, 1994, 2008.

Analiza 2

Temeljni viri in literatura:

1. G. N. Berman: A problem book in mathematical analysis, Moscow : Mir Publishers, 1980.
2. E. Kreyszig: Advanced Engineering Mathematics, 9th ed., Hoboken, NJ : J. Wiley & Sons, cop. 2006.
3. P. Mizori-Oblak: Matematika za študente tehnike in naravoslovja. Del 1, 6. izd., Ljubljana : Fakulteta za strojništvo, cop. 1997, 2001.
4. P. Mizori-Oblak: Matematika za študente tehnike in naravoslovja. Del 2, 6. izd., Ljubljana : Fakulteta za strojništvo, cop. 1997.
5. M. H. Protter, C. B. Morrey: Intermediate calculus, 2nd ed., New York, : Springer, 1985.
6. K. A. Ross: Elementary analysis : the theory of calculus, 2nd ed., New York : Springer, cop. 2013.

7. J. Stewart: Calculus, 6th ed., Belmont : Brooks/Cole, cop. 2009.
8. S. Strle: Analiza 1 : za študente Finančne matematike, DMFA – založništvo, Ljubljana, 2021.
9. G. Tomšič, B. Orel, N. Mramor Kosta: Matematika I, 4. izd., Ljubljana : Fakulteta za elektrotehniko : Fakulteta za računalništvo in informatiko, 2004.
10. G. Tomšič, B. Orel, N. Mramor Kosta: Matematika II, 4. izd., Ljubljana : Fakulteta za elektrotehniko, 2005.
11. I. Vidav: Višja matematika I, 10., 11. in 12., nespremenjena izd. - Ljubljana : DMFA - založništvo, 1990, 1994, 2008.
12. E. Zakrajšek: Analiza III, 3. popravljena izd. - Ljubljana : DMFA - založništvo, 2002.

Analiza 3

Temeljni viri in literatura:

1. P. DuChateau, D. W. Zachman: Schaum's outline of theory and problems of partial differential equations, New York : McGraw-Hill, cop. 1986.
2. E. Kreyszig: Advanced Engineering Mathematics, 9th ed., Hoboken, NJ : J. Wiley & Sons, cop. 2006.
3. S. Lang: Calculus of several variables, 3rd ed., New York : Springer, cop. 1987.
4. P. Mizori-Oblak: Matematika za študente tehnike in naravoslovja. Del 2, 6. izd., Ljubljana : Fakulteta za strojništvo, cop. 1997.
5. M. H. Protter, C. B. Morrey: Intermediate calculus, 2nd ed., New York, : Springer, 1985.
6. I. N. Sneddon: Elements of partial differential equations, New York : McGraw-Hill, 1957.
7. G. Tomšič, T. Slivnik: Matematika III, Ljubljana : Fakulteta za elektrotehniko, 1996.
8. I. Vidav: Višja matematika 3, Ljubljana : Državna založba Slovenije, 1976

Analiza 3 (s programa Matematika)

Temeljni viri in literatura:

1. V. I. Arnold: Ordinary differential equations, Cambridge : The MIT Press, 1998.
2. F. Križanič: Navadne diferencialne enačbe in variacijski račun, Ljubljana : Mladinska knjiga, 1974.
3. S. Lefschetz: Differential equations : geometric theory, New York : Interscience, 1957.
4. L. Perko: Differential equations and dynamical systems, 3rd ed., New York : Springer, 2001.
5. A. Suhadolc: Navadne diferencialne enačbe, Ljubljana : Društvo matematikov, fizikov in astronomov Slovenije, 1996
6. W. Walter: Ordinary differential equations, New York : Springer, cop. 1998.
7. E. Zakrajšek: Analiza III, 3. popravljena izd. - Ljubljana : DMFA - založništvo, 2002.

Analiza 4

Temeljni viri in literatura:

1. M. Braun: Differential equations and their applications : an introduction to applied mathematics, 4th ed., New York : Springer, cop. 1993.
2. F. Križanič: Navadne diferencialne enačbe in variacijski račun, Ljubljana : Mladinska knjiga, 1974.
3. F. Križanič: Parcialne diferencialne enačbe, Ljubljana : DMFA - založništvo, 2004.
4. L. Perko: Differential equations and dynamical systems, 3rd ed., New York : Springer, 2001.
5. Y. Pinchover, J. Rubinstein: An introduction to partial differential equations, Cambridge : Cambridge University Press, 2006.
6. E. Zakrajšek: Analiza III, 3. popravljena izd. - Ljubljana : DMFA - založništvo, 2002.

Diplomski seminar

Temeljni viri in literatura:

1. S. G. Krantz: A primer of mathematical writing : being a disquisition on having your ideas recorded, typeset, published, read, and appreciated, Providence : American Mathematical Society, 1997.

Diskretna matematika 1

Temeljni viri in literatura:

1. M. Juvan, P. Potočnik: Teorija grafov in kombinatorika : primeri in rešene naloge, 2. natis, Ljubljana: DMFA-založništvo, 2007.
2. M. Konvalinka, P. Potočnik: Diskretna matematika I, Ljubljana : Fakulteta za matematiko in fiziko, cop. 2019.
3. J. H. van Lint, R. M. Wilson: A course in combinatorics, 2nd ed., Cambridge : Cambridge Univ. Press, 2001.
4. D. Veljan: Kombinatorna i diskretna matematika, Zagreb : Algoritam, 2001.
5. R. J. Wilson, J. J. Watkins: Uvod v teorijo grafov, Ljubljana: Društvo matematikov, fizikov in astronomov Slovenije, 1997.

Diskretna matematika 2

Temeljni viri in literatura:

1. M. Aigner, G. M. Ziegler: Proofs from the book, 6th ed., Berlin : Springer, cop. 2018.
2. C. Godsil, G. Royle: Algebraic graph theory, New York : Springer, cop. 2001.
3. J. H. van Lint, R. M. Wilson: A course in combinatorics, 2nd ed., Cambridge : Cambridge Univ. Press, 2001.
4. R. J. Wilson, J. J. Watkins: Uvod v teorijo grafov, Ljubljana: Društvo matematikov, fizikov in astronomov Slovenije, 1997.

Diskretne strukture

Temeljni viri in literatura:

1. M. Juvan, P. Potočnik: Teorija grafov in kombinatorika : primeri in rešene naloge, 2. natis, Ljubljana: DMFA-založništvo, 2007.
2. N. Prijatelj: Osnove matematične logike. Del 1, Simbolizacija, Ljubljana : Društvo matematikov, fizikov in astronomov, 1982, 1992.
3. N. Prijatelj: Osnove matematične logike. Del 2, Formalizacija, Ljubljana : Društvo matematikov, fizikov in astronomov Slovenije, 1992.
4. N. Prijatelj: Matematične strukture. 1, Množice, relacije, funkcije, 5. izd. - Ljubljana : Društvo matematikov, fizikov in astronomov Slovenije, 1996.
5. D. Veljan: Kombinatorna i diskretna matematika, Zagreb : Algoritam, 2001.
6. R. J. Wilson, J. J. Watkins: Uvod v teorijo grafov, Ljubljana: Društvo matematikov, fizikov in astronomov Slovenije, 1997.

Ekonometrija 1

Temeljni viri in literatura:

1. W. H. Greene: Econometric analysis, 6th ed., Upper Saddle River (N.J.) : Pearson/Prentice Hall, cop. 2008.
2. D. N. Gujarati, D. C. Porter: Basic econometrics, 5th ed., Boston [etc.] : McGraw-Hill, cop. 2009.
3. P. Kennedy: A guide to econometrics, 6th ed., Malden, MA : Blackwell, 2009, cop. 2008.
4. J. H. Stock, M. W. Watson: Introduction to econometrics, 2nd ed. - Boston (Mass.) [etc.] : Addison Wesley : Pearson Education, cop. 2007.
5. J. M. Wooldridge: Introductory econometrics : a modern approach, 3rd ed., Mason, OH : Thomson/South-Western, cop. 2006.

Finančna matematika 1

Temeljni viri in literatura:

1. Z. Bodie, A. Kane, A. J. Marcus: Investments. 8th ed., New York : McGraw-Hill, 2009.
2. M. Capiński, T. Zastawniak: Mathematics for finance : an Introduction to financial engineering, London : Springer, 2005.
3. J. C. Hull: Options, futures and other derivatives, 7th ed, Upper Saddle River (NJ) : Prentice Hall, cop. 2009.
4. P. Koch Medina, S. Merino. Mathematical finance and probability : a discrete introduction, Basel : Birkhäuser, cop. 2003.
5. D. G. Luenberger: Investment science, New York : Oxford University Press, cop. 1998.
6. S. M. Ross: An elementary introduction to mathematical finance : options and other topics. 2nd ed., Cambridge : Cambridge University Press, 2003.
7. S. E. Shreve: Stochastic calculus for finance. 1, The binomial asset pricing model, New York : Springer, cop. 2005.
8. A. Toman: Rešene naloge iz Finančne matematike 1. Finančni instrumenti, Ljubljana : DMFA-Založništvo, 2016.

Finančni praktikum

Temeljni viri in literatura:

1. D. A. Freedman: Statistical models : theory and practice, Cambridge : Cambridge University Press, cop. 2005.
2. F. S. Hillier, G. J. Lieberman: Introduction to operations research, 9th ed., Boston : McGraw-Hill, cop. 2010.
3. A. Klenke: Probability theory : a comprehensive course, London : Springer, cop. 2008.
4. D. C. Montgomery: Design and analysis of experiments, 5th ed., New York : J. Wiley & Sons, [2000], cop. 2001.

Finančni trgi in inštitucije

Temeljni viri in literatura:

1. F. J. Fabozzi, F. Modigliani: Capital markets : institutions and instruments, 3rd ed., Upper Saddle River (New Jersey) : Prentice Hall : Pearson Education International, cop. 2003.
2. J. Madura: Financial markets and institutions, 7th ed. - Mason Ohio : Thomson/South-Western, cop. 2006.
3. B. Steil: The european equity markets : the state of the union and an agenda for the millennium, London : Royal Institute of International Affairs ; Copenhagen : European Capital Markets Institute, cop. 1996.

Izbrane teme iz analize podatkov

Temeljni viri in literatura:

1. W. de Nooy, A. Mrvar, V. Batagelj: Exploratory Social Network Analysis with Pajek, revised and expanded 2nd ed. - Cambridge : Cambridge University Press, 2011.
2. R. H. Shumway, D. S. Stoffer: Time Series Analysis and Its Applications With R Examples, 2nd [updated] ed., New York : Springer, 2006.
3. W. N. Venables, B. D. Ripley: Modern Applied Statistics with S, 3rd ed., New York : Springer, 2000, cop. 1999.

Matematično modeliranje

Temeljni viri in literatura:

1. D. J. Higham, N. J. Higham: Matlab Guide, 2nd ed., Philadelphia : Society for Industrial and Applied Mathematics, cop. 2005.
2. B. Jurčič-Zlobec, A. Berkopec: Matlab z uvodom v numerične metode, Ljubljana : Fakulteta za elektrotehniko, 2005.
3. D. E. Knuth: The art of computer programming. Vol. 2, Seminumerical algorithms, 3rd ed., Reading : Addison-Wesley, 1997, cop. 1998.
4. V. M. Tikhomirov: Stories about maxima and minima, Providence : American Mathematical Society : Mathematical Association of America, cop. 1990.
5. E. Zakrajšek: Matematično modeliranje, Ljubljana : DMFA - založništvo, 2004.

Mikroekonomija

Temeljni viri in literatura:

1. P. Domadenik ... [et al.]: Mikroekonomija : zbirka nalog, 2., popravljena izd. - Ljubljana : GV založba, 2007.
2. J. Prašnikar, P. Domadenik, M. Koman: Mikroekonomija, 3., popravljena izd., 1. natis. - Ljubljana : GV založba, 2008.

Monetarna ekonomija

Temeljni viri in literatura:

1. R. Baldwin, C. Wyplosz: The economics of European integration, 3rd ed. - London : McGraw-Hill Higher Education, cop. 2009.
2. B. Champ, S. Freeman: Modeling monetary economies, 2nd ed., Cambridge : Cambridge University Press, 2009, cop. 2001.

Numerične metode 1

Temeljni viri in literatura:

1. Z. Bohte: Numerično reševanje sistemov linearnih enačb, Ljubljana : Društvo matematikov, fizikov in astronomov Slovenije, 1994.
2. Z. Bohte: Numerične metode, Ljubljana : Društvo matematikov, fizikov in astronomov SRS : Zveza organizacij za tehnično kulturo Slovenije, 1985, 1987.
3. B. N. Datta: Numerical linear algebra and applications, Pacific Grove : Brooks/Cole : International Thomson Publ., cop. 1994.

4. J. W. Demmel (prevod in priredba E. Zakrajšek): Uporabna numerična linearna algebra, Ljubljana : DMFA - založništvo, 2000.
5. L. N. Trefethen, D. Bau: Numerical linear algebra, Philadelphia : SIAM, cop. 1997.

Numerične metode 2

Temeljni viri in literatura:

1. Z. Bohte: Numerične metode, Ljubljana : Društvo matematikov, fizikov in astronomov SRS : Zveza organizacij za tehnično kulturo Slovenije, 1985, 1987.
2. R. L. Burden, J. D. Faires: Numerical analysis, 6th ed., Pacific Grove (Canada) : Brooks/Cole Publ. : ITP An International Thompson Publishing Company, cop. 1997.
3. B. N. Datta: Numerical linear algebra and applications, Pacific Grove : Brooks/Cole : International Thomson Publ., cop. 1994.
4. J. W. Demmel (prevod in priredba E. Zakrajšek): Uporabna numerična linearna algebra, Ljubljana : DMFA - založništvo, 2000.
5. D. Kincaid, W. Cheney: Numerical analysis : mathematics of scientific computing, 2nd ed., Pacific Grove (California) : Brooks/Cole Publishing Company, 1996.
6. L. N. Trefethen, D. Bau: Numerical linear algebra, Philadelphia : SIAM, cop. 1997.
7. E. Zakrajšek: Uvod v numerične metode, 2. popravljena izd. - Ljubljana : Društvo matematikov, fizikov in astronomov Slovenije, 2000.

Operacijske raziskave

Temeljni viri in literatura:

1. T. H. Cormen ... [et al.]: Introduction to Algorithms, 2nd ed. - Cambridge (Mass.) : MIT Press ; Boston : McGraw-Hill, cop. 2001.
2. F. S. Hillier, G. J. Lieberman: Introduction to operations research, 9th ed., Boston : McGraw-Hill, cop. 2010.
3. D. C. Montgomery: Design and analysis of experiments, 5th ed., New York : J. Wiley & Sons, [2000], cop. 2001.
4. H. A. Taha: Operations research : an introduction, 9th ed., Boston : Pearson, cop. 2011.

Optimizacijske metode

Temeljni viri in literatura:

1. S. Boyd, L. Vandenberghe: Convex optimization, Cambridge : Cambridge University Press, 2005.
2. V. Chvátal: Linear Programming, New York : Freeman and Company, cop. 1983.
3. J. Matoušek, B. Gärtner: Understanding and using linear programming, Berlin : Springer, cop. 2007.

Osnove podatkovnih baz

Temeljni viri in literatura:

1. T. Mohorič: Podatkovne baze, 2. popravljena izd., Ljubljana : Bi-tim, 2002.
2. R. Ramakrishnan, J. Gehrke: Database management systems, 3rd ed., Boston : McGraw-Hill, cop. 2003.

Podatkovne strukture in algoritmi 1

Temeljni viri in literatura:

1. T. H. Cormen ... [et al.]: Introduction to Algorithms, 2nd ed. - Cambridge (Mass.) : MIT Press ; Boston : McGraw-Hill, cop. 2001.
2. S. Dasgupta, C. Papadimitriou, U. Vazirani: Algorithms, Boston : McGraw-Hill, cop. 2008.
3. J. Kleinberg, E. Tardos: Algorithm design, Boston : Pearson/Addison-Wesley, cop. 2006.
4. J. Kozak: Podatkovne strukture in algoritmi, 2. natis. - Ljubljana : Društvo matematikov, fizikov in astronomov Slovenije, 1997.

Podatkovne strukture in algoritmi 2

Temeljni viri in literatura:

1. T. H. Cormen ... [et al.]: Introduction to Algorithms, 2nd ed. - Cambridge (Mass.) : MIT Press ; Boston : McGraw-Hill, cop. 2001.
2. S. Dasgupta, C. Papadimitriou, U. Vazirani: Algorithms, Boston : McGraw-Hill, cop. 2008.
3. J. Kleinberg, E. Tardos: Algorithm design, Boston : Pearson/Addison-Wesley, cop. 2006.
4. J. Kozak: Podatkovne strukture in algoritmi, 2. natis. - Ljubljana : Društvo matematikov, fizikov in astronomov Slovenije, 1997.

Proseminar

Temeljni viri in literatura:

1. A. Cedilnik: Matematični priročnik, 3. izd., Radovljica : Didakta, 2006.
2. K. Cvetko Vah, D. Dolžan: Učbenik za proseminar, Ljubljana : DMFA - založništvo, 2014.
3. S. Klavžar, P. Žigert: Izbrana poglavja iz uporabne matematike, Maribor : Pedagoška fakulteta, 2002.
4. P. Mizori-Oblak: Matematika za študente tehnike in naravoslovja. Del 1, 6. izd., Ljubljana : Fakulteta za strojništvo, cop. 1997, 2001.
5. G. Tomšič, B. Orel, N. Mramor Kosta: Matematika I, 4. izd.. - Ljubljana : Fakulteta za elektrotehniko : Fakulteta za računalništvo in informatiko, 2004.

Slučajni procesi 1

Temeljni viri in literatura:

1. Z. Brzeźniak, T. Zastawniak: Basic stochastic processes : a course through exercises, London : Springer, cop. 1999.
2. J. F. C. Kingman: Poisson processes, Oxford : Clarendon Press : Oxford university, cop. 1993.
3. J. R. Norris: Markov chains, Cambridge : Cambridge University Press, 1999.
4. B. Øksendal: Stochastic differential equations : an introduction with applications, 6th ed., Berlin : Springer, cop. 2005.
5. S. Resnick: Adventures in stochastic processes, Boston : Birkhäuser, cop. 1992.
6. D. Williams: Probability with martingales, Cambridge : Cambridge University Press, 1995.

Splošna topologija

Temeljni viri in literatura:

1. M. Cencelj, D. Repovš: Topologija, Ljubljana: Pedagoška fakulteta, 2001.
2. J. Dugundji: Topology, Boston : Allyn and Bacon, 1966.
3. J. Mrčun: Topologija, Ljubljana : DMFA - založništvo, 2008.
4. J. R. Munkres: Topology : a first course, Englewood Cliffs : Prentice-Hall, 1975.

5. P. Pavešić, A. Vavpetič: Rešene naloge iz topologije, 2. izd., Ljubljana : Društvo matematikov, fizikov in astronomov Slovenije, 1997.
6. P. Pavešić: Splošna topologija, Ljubljana : DMFA - založništvo, 2008.
7. N. Prijatelj: Matematične strukture. 3, Okolice, 2. natis. Ljubljana: Državna založba Slovenije, 1985.
8. J. Smrekar: Rešene naloge iz splošne topologije, Ljubljana : DMFA - založništvo, 2017.

Statistika 1

Temeljni viri in literatura:

1. J. Rice: Mathematical statistics and data analysis, 3rd ed., Belmont (CA) : Thomson/Brooks/Cole, cop. 2007.
2. G. G. Roussas: A course in mathematical statistics, 2nd ed., San Diego : Academic Press, cop. 1997.

Teorija iger

Temeljni viri in literatura:

1. M. J. Osborne: An introduction to game theory, New York : Oxford University Press, 2004.
2. M. J. Osborne, A. Rubinstein: A course in game theory, Cambridge (Mass.) : The MIT Press, cop. 1994.
3. B. von Stengel: Game theory basics, Cambridge : Cambridge University Press, cop. 2022.

Teorija kodiranja in kriptografija

Temeljni viri in literatura:

1. D. R. Stinson: Cryptography : theory and practice, 3rd ed. - Boca Raton : Chapman & Hall/CRC, cop. 2006.
2. J. Talbot, D. Welsh: Complexity and cryptography : an introduction, Cambridge : Cambridge University Press, cop. 2006.
3. D. Welsh: Codes and cryptography, Oxford : Clarendon Press, cop. 1989, 1995.

Uvod v diferencialno geometrijo

Temeljni viri in literatura:

1. M. P. do Carmo: Differential geometry of curves and surfaces, Englewood Cliffs ; New Jersey : Prentice-Hall, cop. 1976.
2. D. W. Henderson: Differential geometry : a geometric introduction, Upper Saddle River : Prentice Hall, cop. 1998.
3. A. Pressley: Elementary differential geometry, London : Springer, cop. 2001.
4. I. M. Singer, J. A. Thorpe: Lecture notes on elementary topology and geometry, [Glenview] : Scott, Foresman and Company, cop. 1967.
5. I. Vidav: Diferencialna geometrija, Ljubljana : Društvo matematikov, fizikov in astronomov SR Slovenije, 1989.

Uvod v geometrijsko topologijo

Temeljni viri in literatura:

1. J. Dugundji: Topology, Boston : Allyn and Bacon, 1966.
2. W. S. Massey: Algebraic topology : an introduction, New York : Springer, 1967.
3. J. Mrčun: Topologija, Ljubljana : DMFA - založništvo, 2008.
4. J. R. Munkres: Topology : a first course, Englewood Cliffs : Prentice-Hall, 1975.

Verjetnost 1

Temeljni viri in literatura:

1. G. Grimmett, D. Stirzaker: Probability and random processes, 3rd ed., Oxford : Oxford University Press, 2001, 2009.
2. D. Stirzaker: Probability and random variables : a beginner's guide, Cambridge : Cambridge University, cop. 1999.

Verjetnost in statistika

Temeljni viri in literatura:

1. G. Grimmett, D. Stirzaker: Probability and random processes, 3rd ed., Oxford : Oxford University Press, 2001, 2009.
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Napredno strojno učenje

Temeljni viri in literatura:

1. L. De Raedt: Logical and relational learning, Berlin : Springer, cop. 2008.
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Teorija izračunljivosti

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Teorija izračunljivosti

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2. T. S. Blyth: Lattices and ordered algebraic structures, London : Springer, cop. 2010.
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Temeljni viri in literatura:

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PEDAGOŠKA MATEMATIKA (1000410) ENOVIT MAGISTRSKI, DRUGA STOPNJA

Afina in projektivna geometrija

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Algebra 2

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Temeljni viri in literatura:

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