

LITERATURA A DALŠÍ INFORMAČNÍ ZDROJE

- AAMODT, G. et al. (2006): A simulation study of three methods for detecting disease clusters. *International journal of health geographics*, 5, s. 15.
- AGRÁRNÍ KOMORA ČR (2010): Strašák zvaný automat na čerstvé mléko [online]. Dostupné z: <http://www.apic-ak.cz/strasak-zvany-automat-na-cerstve-mleko.php>
- ALEXANDER, G. L. et al. (2003): Marginalization and health geomatics. *Journal of Biomedical Informatics*, 36, č. 4-5, s. 400–407.
- AMBROŽOVÁ, H. (2011): Letní průjmy. *Medicína pro praxi*, 8, č. 5, s. 7–9.
- ANDRLOVÁ, L. (2011): Perspektivy prodeje (bio)mléka v prodejních automatech. Diplomová práce. Jihočeská univerzita v Českých Budějovicích, 107 s.
- ANSELIN, L. (1988): *Spatial econometrics: methods and models*. Kluwer Academic, Dordrecht, 284 s.
- ANSELIN, L. (1994): *Exploratory spatial data analysis and geographic information systems. New tools for spatial analysis*.
- ANSELIN, L. (1995): Local indicators of spatial association—LISA. *Geographical analysis*, 27, č. 2.
- ANSELIN, L. (1996): The Moran scatterplot as an ESDA tool to assess local instability in spatial association. *Spatial analytical perspectives on GIS*.
- ANSELIN, L. et al. (2002): Visualizing multivariate spatial correlation with dynamically linked windows. In: Anselin, L. a Rey, S. (ed.): *New Tools for Spatial Data Analysis: Proceedings of the Specialist Meeting. Center for Spatially Integrated Social Science (CSISS), University of California, Santa Barbara*, s. 1–20.
- ANSELIN, L. (2003): *GeoDaTM 0.9 User's Guide*.
- ARAGON, T. J. (2012): epitools: Epidemiology Tools. Verze 0.5-7. Dostupné z: <http://cran.r-project.org/package=epitools>
- ARCDATA PRAHA (2013): Geoportál Koordinačního střediska pro resortní zdravotnické informační systémy [online]. Dostupné z: http://www.arcdata.cz/digitalAssets/323152_case_study_ksrzis.pdf
- ARENTZE, T. A. (2009): Spatial Data Mining, Cluster and Pattern Recognition. In: Kitchin, R. a Thrift, N. (ed.): *International Encyclopedia of Human Geography*. Elsevier, Oxford, s. 325–331.
- ARMITAGE, P. et al. (2008): *Statistical methods in medical research*. Blackwell Science Ltd., Oxford, UK.

- ARMSTRONG, M. P. et al. (1999): Geographically masking health data to preserve confidentiality. *Statistics in medicine*, 18, č. 5, s. 497–525.
- ARSENAULT, J. (2010): *Épidémiologie spatiale de la campylobactériose au Québec*. Diplomová práce. Université de Montréal,
- ARSENAULT, J. et al. (2012): Environmental and demographic risk factors for campylobacteriosis: do various geographical scales tell the same story? *BMC infectious diseases*, 12, s. 318.
- ARSENAULT, J. et al. (2013): How to choose geographical units in ecological studies: Proposal and application to campylobacteriosis. *Spatial and spatio-temporal epidemiology*, 7, s. 11–24.
- ASSUNCAO, R., REIS, E. (1999): A new proposal to adjust Moran's I for population density. *Statistics in medicine*, 2162, č. November 1998, s. 2147–2162.
- BADDELEY, A. (2010): Analysing spatial point patterns in R.
- BAILEY, T. (2001): Spatial statistical methods in health. *Cadernos de Saúde Pública*, 17, č. 5, s. 1083–1098.
- BAILEY, T. C., GATRELL, A. C. (1995): *Interactive spatial data analysis*. Longman Scientific & Technical, Essex.
- BARDON, J. et al. (2009): Prevalence of *Campylobacter jejuni* and its resistance to antibiotics in poultry in the Czech Republic. *Zoonoses and Public Health*, 56, č. 3, s. 111–116.
- BEALE, L. et al. (2008): Methodologic issues and approaches to spatial epidemiology. *Environmental health perspectives*, 116, č. 8, s. 1105–10.
- BELL, B. S. et al. (2006): Current practices in spatial analysis of cancer data: mapping health statistics to inform policymakers and the public. *International journal of health geographics*, 5, s. 49.
- BENCKO, V. et al. (2003): *Statistické metody v epidemiologii*. Nakladatelství Karolinum, Praha, 505 s.
- BENEŠ, V. et al. (2005): A case study on point process modelling in disease mapping. 24, s. 159–168.
- BERGQUIST, R. (2011): New tools for epidemiology: a space odyssey. *Memórias do Instituto Oswaldo Cruz*, 106, č. 7, s. 892–900.
- BERNARD, J. et al. (2014): Existují prostorové kontextové vlivy na volební chování i v relativně nacionalizovaném stranickém systému? Příklad Česka. *Geografie - sborník České geografické společnosti*, 119, č. 3, s. 240–258.
- BIVAND, R. S. (2007): *Analysing Spatial Data in R : Worked example : point patterns*.
- BIVAND, R. S. et al. (2008): *Applied Spatial Data Analysis with R*. Springer New York, New York, NY.
- BIVAND, R. S. et al. (2014): rgdal: Bindings for the Geospatial Data Abstraction Library. Verze 0.9-1. Dostupné z: <http://cran.r-project.org/package=rgdal>
- BLAŽEK, J., NETRDOVA, P. (2012): Aktuální tendence lokální diferenciace vybraných socioekonomických jevů v Česku: Směřuje vývoj k větší mozaikovitosti uspořádání? *Geografie - sborník České geografické společnosti*, 117, č. 3, s. 266–288.
- BOBAK, M. et al. (1998): Socioeconomic factors, perceived control and self-reported health in Russia. A cross-sectional survey. *Social Science and Medicine*, 47, č. 2, s. 269–279.
- BREIMAN, L. (1984): *Classification and regression trees*. CRC Press.
- BRUNSDON, C. et al. (2007): Geographically weighted discriminant analysis. *Geographical Analysis*, 39, s. 376–396.

- BUSCEMA, M. et al. (2009): Outbreaks source: A new mathematical approach to identify their possible location. *Physica A: Statistical Mechanics and its Applications*, 388, č. 22, s. 4736–4762.
- CANNON, A. J. (2012): monmlp: Monotone multi-layer perceptron neural network. Verze 1.1.2. Dostupné z: <http://cran.r-project.org/package=monmlp>
- CARVALHO, A. et al. (2009): Spatial Hierarchical clustering. *Rev. Bras. Biom.*, 27, č. 3, s. 411–442.
- CASAS, I. (2009): Neural networks. In: Kitchin, R. a Thrift, N. (ed.): *International Encyclopedia of Human Geography*. Elsevier, Oxford, s. 419–422.
- CÍCHA, V. (2013): Správa, analýza a prezentace zdravotnických prostorových dat pomocí R. Diplomová práce. Univerzita Palackého v Olomouci, 76 s.
- CLAYTON, D., BERNARDINELLI, L. (1996): Bayesian methods for mapping disease risk. In: Elliott, P. et al. (ed.): *Geographical and Environmental Epidemiology: Methods for Small Area Studies*. Oxford University Press, Oxford.
- CLIFF, A. D., ORD, K. J. (1973): *Spatial autocorrelation*. Pion Ltd, London, London, 178 s.
- CRESSIE, N. A. C. (1993): *Statistics for Spatial Data*. John Wiley & Sons, New York.
- CROMLEY, E. K. (2003): GIS and disease. *Annual review of public health*, 24, s. 7–24.
- ČESKÁ REPUBLIKA (2015): Zákon č. 89/1995 Sb., o státní statistické službě, ve znění pozdějších předpisů, s účinností do 1. 1. 2015. *Sbírka zákonů České republiky*, s. 40.
- ČESKÝ ROZHLAS (2010): Agrární komora zvažuje trestní oznámení na hlavního hygienika [online]. Dostupné z: http://www.rozhlas.cz/zpravy/politika/_zprava/728204
- ČSÚ (2015): Český statistický úřad [online]. Dostupné z: <https://www.czso.cz/>
- DA SILVA, A. R., RODRIGUES, T. C. V. (2014): Geographically Weighted Negative Binomial Regression-incorporating overdispersion. *Statistics and Computing*, 24, s. 769–783.
- DAVENHALL, B. (2012): *Geomedicine: Geography and Personal Health*. Esri, Redlands, 33 s.
- DELMELLE, E. et al. (2010): H.E.L.P: A GIS-based Health Exploratory AnaLysis Tool for Practitioners. *Applied Spatial Analysis and Policy*, 4, č. 2, s. 113–137.
- DEMOGRAFIE (2014): Ukazatele nemocnosti [online]. Dostupné z: http://www.demografie.info/?cz_nemocnostukazatele=
- DOMASOVÁ, I. (2014): *Kampylobakteriόza*. Praha, 2 s.
- DORLING, D. (1998): Mapping disease patterns. In: *Encyclopedia of Biostatistics*.
- DVORSKÝ, J., DRAŽILOVÁ, P. (2011): Neuronové sítě. In: Voženílek, V. et al. (ed.): *Metody umělé inteligence v geoinformatice*. Univerzita Palackého v Olomouci, Olomouc, s. 5–17.
- DZÚROVÁ, D. et al. (2006): Demographic and Social Correlates of Suicide in the Czech Republic. *Sociologický časopis*, 42, č. 3, s. 557–571.
- DZÚROVÁ, D. et al. (2010): Social inequalities in alcohol consumption in the Czech Republic: a multilevel analysis. *Health & place*, 16, č. 3, s. 590–7.
- EISEN, L., LOZANO-FUENTES, S. (2009): Use of mapping and spatial and space-time modeling approaches in operational control of *Aedes aegypti* and dengue. *PLoS neglected tropical diseases*, 3, č. 4, s. e411.
- EKDAHL, K. et al. (2005): Could flies explain the elusive epidemiology of campylobacteriosis? *BMC infectious diseases*, 5, s. 11.

- ELLIOTT, P. et al. (2000): *Spatial Epidemiology: Methods and Applications*. Oxford University Press, 504 s.
- ELLIOTT, P., BEST, N. (1998): Geographic patterns of disease. *Encyclopedia of biostatistics*.
- ELLIOTT, P., WARTENBERG, D. (2004): *Spatial Epidemiology: Current Approaches and Future Challenges*. *Environmental Health Perspectives*, 112, č. 9, s. 998–1006.
- ESRI (2012): *ArcGIS Desktop: Release 10.1*. Environmental Systems Research Institute., Redlands, CA.
- ESTER, M. et al. (1997): Spatial data mining: A database approach. In: *Proceedings of the Fifth Int. Symposium on Large Spatial Databases*.
- EUROSTAT (2009): *Health Statistics: Atlas on Mortality in the European Union*.
- EUROSTAT (2014): *Eurostat Regional Statistics Illustrated* [online]. Dostupné z: <http://epp.eurostat.ec.europa.eu/cache/RSI/#?vis=nuts2.health>
- EVERITT, B., HOTHORN, T. (2011): *An Introduction to Applied Multivariate Analysis with R*. Springer, Heidelberg.
- F. DORMANN, C. et al. (2007): Methods to account for spatial autocorrelation in the analysis of species distributional data: a review. *Ecography*, 30, č. 5, s. 609–628.
- FAWCETT, T. (2006): An introduction to ROC analysis. *Pattern Recognition Letters*, 27, č. 8, s. 861–874.
- FENG, C. (2011): *Models and Methods For Spatial Data: Applications in Epidemiological, Environmental and Ecological Studies*. Diplomová práce. Simon Frase University, 160 s.
- FOTHERINGHAM, A. S. et al. (2000): *Quantitative geography: Perspectives on spatial data analysis*. Sage, London, 270 s.
- FOTHERINGHAM, A. S. et al. (2002): *Geographically Weighted Regression: the analysis of spatially varying relationships*. John Wiley & Sons.
- FRIEDMAN, J. H. (2001): Greedy function approximation: A gradient boosting machine. *Annals of Statistics*, 29, č. 5, s. 1189–1232.
- FRIEDMAN, J. H. et al. (2010): Regularization Paths for Generalized Linear Models via Coordinate Descent. *Journal of Statistical Software*, 36, č. 1, s. 1–22.
- GABRIEL, E. et al. (2010): Spatio-temporal epidemiology of *Campylobacter jejuni* enteritis, in an area of Northwest England, 2000–2002. *Epidemiology and Infection*, 138, č. 10, s. 1384–90.
- GASTNER, M. T., NEWMAN, M. E. J. (2004): From The Cover: Diffusion-based method for producing density-equalizing maps. *Proceedings of the National Academy of Sciences of the United States of America*, 101, č. 20, s. 7499–7504.
- GATRELL, A. A. C. et al. (1996): Spatial Point Pattern Analysis and Its Application in Geographical Epidemiology. *Transactions of the Institute of British Geographers*, 21, č. 1, s. 256.
- GELFAND, A. et al. (2010): *Handbook of spatial statistics*. CRC Press.
- GETHING, P. et al. (2007): A local space-time kriging approach applied to a national outpatient malaria dataset. *Computers & Geosciences*, 33, č. 10, s. 1337–1350.
- GETHING, P. W. et al. (2006): Improving imperfect data from health management information systems in Africa using space-time geostatistics. *PLoS medicine*, 3, č. 6, s. e271.
- GILLESPIE, I. et al. (2008): Demographic determinants for *Campylobacter* infection in England and Wales: implications for future epidemiological studies. *Epidemiology and Infection*, 136, č. 12, s. 1717–25.

- GOLDMAN, D., BRENDER, J. (2000): Are standardized mortality ratios valid for public health data analysis? *Statistics in medicine*, 19, č. 8, s. 1081–8.
- GOLLINI, I. et al. (2015): GWmodel : an R package for exploring spatial heterogeneity. *Journal of Statistical Software*, 63, č. 17, s. 1–50.
- GOOGLE (2009): Keyhole Markup Language [online]. Dostupné z: https://developers.google.com/kml/documentation/kml_tut
- GOOVAERTS, P. (2005): Geostatistical analysis of disease data: estimation of cancer mortality risk from empirical frequencies using Poisson kriging. *International journal of health geographics*, 4, s. 31.
- GOOVAERTS, P. (2006): Geostatistical analysis of disease data: visualization and propagation of spatial uncertainty in cancer mortality risk using Poisson kriging and p-field simulation. *International journal of health geographics*, 5, s. 7.
- GRÄLER, B. (2012): Chapter 1: Different concepts of spatio-temporal kriging. In: *Summer School GEOSTAT 2012: Spatio-Temporal Geostatistics*. s. 1–39.
- GRÄLER, B. et al. (2012): Spatio-temporal analysis and interpolation of PM10 measurements in Europe. 37 s.
- GRÄLER, B. (2013): Different concepts of spatio-temporal kriging. München, 1-39 s.
- GREEN, C. G. et al. (2006): Spatial analysis of campylobacter infection in the Canadian province of Manitoba. *International journal of health geographics*, 5, č. 2, s. 14.
- GRIFFITH, D., ARBIA, G. (2010): Detecting negative spatial autocorrelation in georeferenced random variables. *International Journal of Geographical Information Science*, 24, č. 3, s. 417–437.
- GRUEBNER, O. et al. (2011): A spatial epidemiological analysis of self-rated mental health in the slums of Dhaka. *International journal of health geographics*, 10, č. 1, s. 36.
- HAINING, R. (1998): Spatial statistics and analysis of health data. In: *GIS and health*. Taylor and Francis, London, s. 29 – 47.
- HAINING, R. (2004): *Spatial Data Analysis: Theory and Practice*. Cambridge University Press.
- HASHIZUME, M. et al. (2008): Factors determining vulnerability to diarrhoea during and after severe floods in Bangladesh. *Journal of Water and Health*, 6, č. 3, s. 323–332.
- HAVELAAR, A. et al. (2013): Estimating the true incidence of campylobacteriosis and salmonellosis in the European Union, 2009. *Epidemiology and infection*, 141, č. 2, s. 293–302.
- HEBÁK, P. et al. (2004): *Vícerozměrné statistické metody 1*. Informatorium, Praha, 240 s.
- HEBÁK, P. et al. (2005a): *Vícerozměrné statistické metody 2*. Informatorium, Praha, 240 s.
- HEBÁK, P. et al. (2005b): *Vícerozměrné statistické metody 3*. Informatorium, Praha, 256 s.
- HENGL, T. (2007): *A practical guide to geostatistical mapping of environmental variables*. 143 s.
- HENGL, T. (2009): *A Practical Guide to Geostatistical Mapping*. Office for Official Publications of the European Communities, Luxembourg.
- HENGL, T. et al. (2012): Spatio-temporal prediction of daily temperatures using time-series of MODIS LST images. *Theoretical and Applied Climatology*, 107, č. 1-2, s. 265–277.
- HENGL, T. et al. (2014): plotKML: Scientific visualization of spatio-temporal data. *Journal of Statistical Software* July, 58, č. II, s. 24.
- HEUVELINK, G. B. M., GRIFFITH, D. a. (2010): Space-time geostatistics for geography: A case study of radiation monitoring across parts of Germany. *Geographical Analysis*, 42, č. 2, s. 161–179.

- HIJMANS, R. J. (2014): raster: raster: Geographic data analysis and modeling. Verze 2.3-12. Dostupné z: <http://cran.r-project.org/package=raster>
- HÖNIG, V. et al. (2011): Klíšťata a jimi přenášená onemocnění v Jihočeském kraji a Bavorsku.
- HORÁK, J. (2009): Zpracování dat v GIS. VŠB-TU Ostrava, HGF, Institut geoinformatiky, Ostrava, 199 s.
- HORÁK, J. (2011): Prostorové analýzy dat. VŠB-TU Ostrava, HGF, Institut geoinformatiky, Ostrava, 170 s.
- HORÁK, J. et al. (2012): Prostorové hierarchické shlukování. In: GIS Ostrava 2012. VŠB-TU Ostrava, HGF, Institut geoinformatiky, s. 10.
- HREJSEMNOU, O. (2009): Koncepce vybraných tématických map zdravotního stavu a zdravotní péče v ČR: analýza a interpretace současného stavu. Diplomová práce. Masarykova univerzita v Brně, 76 s.
- CHARLTON, M., FOTHERINGHAM, A. S. (2009): Geographically weighted regression: White paper.
- CHEN, C. et al. (2014): SpatialEpi: Methods and Data for Spatial Epidemiology. Verze 1.2.1. Dostupné z: <http://cran.r-project.org/package=SpatialEpi>
- CHEN, J. et al. (2008): Geovisual analytics to enhance spatial scan statistic interpretation: an analysis of U.S. cervical cancer mortality. *International journal of health geographics*, 7, s. 57.
- INSPIRE: THEMATIC WORKING GROUP HUMAN HEALTH AND SAFETY (2013): INSPIRE: D2.8.III.5 - Data Specification on Human Health and Safety – Technical Guidelines.
- IVAN, I., TVRDÝ, L. (2007): Změny v prostorovém pohybu obyvatelstva Moravskoslezského kraje. In: Sborník Území, znalosti a rozvoj v rámci konference Zvyšování konkurenceschopnosti aneb nové výzvy pro rozvoj regionů, států a mezinárodních trhů. VŠB – Technická univerzita Ostrava, Ostrava, s. 20.
- JAGAI, J. S. et al. (2007): The Use of Köppen Climate Classification System for Public Health Research. *Epidemiology*, 18, č. 5, s. 7–212.
- JARUP, L. (2004): Health and Environment Information Systems for Exposure and Disease Mapping, and Risk Assessment. *Environmental Health Perspectives*, 112, č. 9, s. 995–997.
- JELINSKI, D. E., WU, J. (1996): The modifiable areal unit problem and implications for landscape ecology. *Landscape Ecology*, 11, č. 3, s. 129–140.
- KALOGIROU, S. (2011): Testing local versions of correlation coefficients. *Jahrbuch für Regionalwissenschaft*, 32, č. 1, s. 45–61.
- KALOGIROU, S. (2015): lctools: Local Correlation, Spatial Inequalities and Other Tools. Verze 0,2. Dostupné z: <http://cran.r-project.org/package=lctools>
- KAMADJEU, R. (2009): Tracking the polio virus down the Congo River: a case study on the use of Google Earth in public health planning and mapping. *International journal of health geographics*, 8, s. 4.
- KANEVSKI, M. et al. (2009): Machine learning for spatial environmental data: Theory, applications and software. EPFL Press, Lausanne, 377 s.
- KAŇOK, J. (1999): Klasifikace stupnic a zásady jejich tvorby pro kartogram a kartodiagram. *Kartografické listy*, č. 7, s. 75–86.
- KARATZOGLOU, A. et al. (2004): kernlab - An S4 Package for Kernel Methods in R. *Journal of Statistical Software*, 11, č. 9, s. 1–20.
- KASAL, P. et al. (2011): České zdravotnické registry - současný stav a perspektivy. In: Medsoft. Creative Connections s. r. o., Praha, s. 65–72.

- KAUKO, T., GOETGELUK, R. (2005): Spatial and multidimensional analysis of the Dutch housing market using the Kohonen Map and GIS. ERSA conference papers.
- KEIM, D. et al. (2010): Mastering The Information Age - Solving Problems with Visual Analytics. Eurographics Association, Goslar, Germany, 168 s.
- KLASCHKA, J. (2011): Klasifikační metody založené na rozhodovacích stromech. In: Voženílek, V. et al. (ed.): Metody umělé inteligence v geoinformaticce. Univerzita Palackého v Olomouci, Olomouc, s. 31–39.
- KLUFOVÁ, R. (2009): Využití nástrojů GIS při analýze vztahů socio-ekonomických faktorů a úrovně sociální péče. In: Sborník GIS Ostrava. VŠB-TU Ostrava, HGF, Institut geoinformatiky, Ostrava, s. 6.
- KOHONEN, T. (2001): Self-Organizing Maps. Springer Science & Business Media, 502 s.
- KOCH, T. (2005): Cartographies of Disease: Maps, Mapping and Medicine. ESRI Press, Redlands, CA, 412 s.
- KOCH, T. (2009): Disease Mapping. In: Kitchin, R. a Thrift, N. (ed.): International Encyclopedia of Human Geography. s. 234–241.
- KOCH, T., DENIKE, K. (2004): Medical mapping: The revolution in teaching—and using—maps for the analysis of medical issues. Journal of Geography.
- KOPERSKI, K. et al. (1996): Spatial Data Mining: Progress and Challenges Survey paper. SIGMOD'96 Workshop on Research Issues on Data Mining and Knowledge Discovery (DMKD'96), SIGMOD'96, s. 1–2.
- KRAAK, M. (2003): The space-time cube revisited from a geovisualization perspective. In: Proc. 21st International Cartographic Conference. Document Transformation Technologies, Durban, RSA, s. 1988–1996.
- KRAAK, M.-J. (2013): From Cartography to Geographic Information Science The map and Geographic Information Science. Twente, NL, 8 s.
- KSRZIS (2010): Koordinační středisko pro rezortní zdravotnické informační systémy [online]. Dostupné z: <http://www.ksrzis.cz/>
- KULLDORFF, M. (1999): Spatial scan statistics: models, calculations, and applications. In: Scan statistics and applications. Birkhäuser, Boston, s. 303 – 322.
- KULLDORFF, M. et al. (2005): A space-time permutation scan statistic for disease outbreak detection. PLoS medicine, 2, č. 3, s. e59.
- KULLDORFF, M., INFORMATION MANAGEMENT SERVICES INC (2009): SaTScan v9.3: Software for the spatial and space-time scan statistics. s. 109.
- KULLDORFF, M., NAGARWALLA, N. (1995): Spatial disease clusters: detection and inference. Statistics in medicine, 14, č. 8, s. 799–810.
- KYRIAKIDIS, P. C., JOURNEL, A. G. (1999): Geostatistical space-time models: A review. Mathematical Geology, 31, č. 6, s. 651–684.
- LAROSE, D. T., LAROSE, C. D. (2014): Discovering knowledge in data: An introduction to Data Mining. John Wiley & Sons, Inc., Hoboken, NJ, USA, 336 s.
- LAST, J. M., ABRAMSON, J. (2001): A Dictionary of Epidemiology. Oxford University Press, USA, 196 s.
- LAWSON, A. B. et al. (1999): Disease mapping and its uses. In: Lawson, A. B. et al. (ed.): Disease mapping and risk assessment for public health. John Wiley & Sons, Ltd, s. 3–13.
- LAWSON, A. B. (2002): Spatial Cluster Modelling. CRC, Boca Raton, 284 s.

- LAWSON, A. B. et al. (2003): *Disease Mapping with WinBUGS and MLwiN*. John Wiley & Sons, Ltd, Chichester.
- LAWSON, A. B. (2009): *Bayesian Disease Mapping: Hierarchical Modeling in Spatial Epidemiology*. CRC Press.
- LE COMBER, S. C. et al. (2011): Geographic profiling as a novel spatial tool for targeting infectious disease control. *International journal of health geographics*, 10, č. 1, s. 35.
- LE COMBER, S. C., STEVENSON, M. D. (2012): From Jack the Ripper to epidemiology and ecology. *Trends in Ecology and Evolution*, 27, s. 307–308.
- LEXOVÁ, P. et al. (2013): Výskyt infekčních onemocnění přenášených potravinami a vodou v ČR – rok 2012 a trendy nemocnosti. *Zprávy CEM*, 22, č. 7, s. 233–239.
- LI, H. et al. (2012): One-step estimation of spatial dependence parameters: Properties and extensions of the APLE statistic. *Journal of Multivariate Analysis*, 105, č. 1, s. 68–84.
- LIAW, A., WIENER, M. (2002): Classification and Regression by randomForest. *R news*, 2/3, č. December, s. 18–22.
- LLOYD, C. D. (2010): Analysing population characteristics using geographically weighted principal components analysis: A case study of Northern Ireland in 2001. *Computers, Environment and Urban Systems*, 34, č. 5, s. 389–399.
- LOH, W.-Y. (2011): Classification and regression trees. *Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery*, 1, č. 1, s. 14–23.
- LOZANO-FUENTES, S. et al. (2008): Use of Google Earth to strengthen public health capacity and facilitate management of vector-borne diseases in resource-poor environments. *Bulletin of the World Health Organization*, 86, č. 9, s. 718–725.
- LU, B. et al. (2014): The GWmodel R package: further topics for exploring spatial heterogeneity using geographically weighted models. *Geo-spatial Information Science*, 17, č. 2, s. 85–101.
- LUNARDON, N. et al. (2014): ROSE: A Package for Binary Imbalanced Learning. *The R Journal*, 6, č. 1, s. 79–89.
- MANITZ, J., HÖHLE, M. (2013): Bayesian outbreak detection algorithm for monitoring reported cases of campylobacteriosis in Germany. *Biometrical journal. Biometrische Zeitschrift*, 55, č. 4, s. 509–26.
- MAREK, L. et al. (2012): Spatial Analyses of Epidemiological Data: Case Study In Olomouc Region. In: 12th International Multidisciplinary Scientific GeoConference SGEM: SGEM 2012, Proceedings Volume II. STEF92 Technology Ltd, Sofia, Bulgaria, s. 1155 – 1162.
- MAREK, L. et al. (2013a): Health Datasets in Spatial Analyses: What We Want, What We Get and What We Can Use. In: *Recent Advances in Geodesy and Geomatics Engineering*. WSEAS Press, Antalya, s. 7.
- MAREK, L. et al. (2013b): On Estimation of the Spatial Clustering: Case Study of Epidemiological Data In Olomouc Region, Czech Republic. *VŠB – Technická univerzita Ostrava, Ostrava*.
- MAREK, L. et al. (2014): Spatial Clustering of Disease Events Using Bayesian Methods. In: *DATESO 2014*. s. 10.
- MAREK, L. et al. (2015): Using geovisual analytics in Google Earth to understand disease distribution: a case study of campylobacteriosis in the Czech Republic. *International journal of health geographics*, 14, č. 7, s. 1–13.
- MARTIN, R. et al. (2009): Hunting patterns and geographic profiling of white shark predation. *Journal of Zoology*, 279, č. 2, s. 111–118.

- MAŠKARINEC, P. (2013): Prostorová analýza prezidentských voleb v České republice v roce 2013. *Sociológia-Slovak Sociological Review*, 45, č. 5, s. 435–469.
- MCBRIDE, G. B., MITTINTY, M. N. (2007): Explaining Differential Timing of Peaks of a Pathogen Versus a Faecal Indicator During Flood Events. In: *MODSIM 2007: International Congress on Modelling and Simulation: Land, Water and Environmental Management: Integrated Systems for Sustainability. Modelling & Simulation Soc Australia & New Zealand Inc, Christchurch, NZ*, s. 2417–2423.
- MCLAFFERTY, S. L. (2003): GIS and health care. *Annual review of public health*, 24, s. 25–42.
- MEADE, M. S., EMCH, M. (2010): *Medical geography*. The Guilford Press, New York, NY, 498 s.
- MELOUN, M. (2011): Počítačová analýza vícerozměrných dat v oborech přírodních, technických a společenských věd.
- MELOUN, M., MILITKÝ, J. (2004): Přednosti analýzy shluků ve vícerozměrné statistické analýze. In: *Zajištění kvality analytických výsledků: sborník přednášek ze semináře. Univerzita Pardubice, Pardubice*, s. 18.
- METZ, C. E. (1978): Basic principles of ROC analysis. *Semin Nucl Med*, 8, č. 4, s. 283–298.
- MEYER, D. et al. (2014): e1071: Misc Functions of the Department of Statistics (e1071). Verze 1.6-4. Dostupné z: <http://cran.r-project.org/package=e1071>
- MIDDEL, A. (2007): A Framework for Visualizing Multivariate Geodata. In: Hagen, H. et al. (ed.): *Visualization of Large and Unstructured Data Sets. Department of Informatics, Bonn, Kaiserslautern*, s. 11.
- MILLER, H. J., HAN, J. ed. (2009): *Geographic Data Mining and Knowledge Discovery*. CRC Press, Boca Raton, 443 s.
- MILLER, J., FRANKLIN, J. (2002): Modeling the distribution of four vegetation alliances using generalized linear models and classification trees with spatial dependence. *Ecological Modelling*, 157, č. 2-3, s. 227–247.
- MINAMI, M. et al. (2007): Modeling shark bycatch: The zero-inflated negative binomial regression model with smoothing. *Fisheries Research*, 84, č. 2, s. 210–221.
- MINISTERSTVO ZDRAVOTNICTVÍ ČR (2010): Ministerstvo zdravotnictví ČR upozorňuje na možná zdravotní rizika způsobená konzumací mlékárensky neupraveného mléka. 1 s.
- MOORE, D. a, CARPENTER, T. E. (1999): Spatial analytical methods and geographic information systems: use in health research and epidemiology. *Epidemiologic reviews*, 21, č. 2, s. 143–61.
- MORAN, P. A. P. (1950): Notes on continuous stochastic phenomena. *Biometrika*, 37, č. 1, s. 17–23.
- MULLNER, P. et al. (2010): Molecular and spatial epidemiology of human campylobacteriosis: source association and genotype-related risk factors. *Epidemiology and infection*, 138, č. 10, s. 1372–1383.
- MYERS, D. E. (2004): Estimating and Modeling Space-time variograms. *Proceedings of TIES Spatial Accuracy*.
- NAISH, S. et al. (2011): Spatio-temporal patterns of Barmah Forest virus disease in Queensland, Australia. *PloS one*, 6, č. 10, s. e25688.
- NETRDOVÁ, P., NOSEK, V. (2009): Přístupy k měření významu geografického rozměru společenských nerovnoměrností. *Geografie*, 114, č. 1, s. 52–65.
- NUR AIDI, M., PURWANINGSIH, T. (2013): Modeling Spatial Ordinal Logistic Regression and The Principal Component to Predict Poverty Status of Districts in Java Island. *International Journal of Statistics and Applications*, 3, č. 1, s. 1–8.

- NYGÅRD, K. et al. (2004): Association between environmental risk factors and campylobacter infections in Sweden. *Epidemiology and infection*, 132, s. 317–325.
- NYLEN, G. et al. (2002): The seasonal distribution of campylobacter infection in nine European countries and New Zealand. *Epidemiology and infection*, 128, č. 3, s. 383–390.
- O'LEARY, M. (2010): Implementing a Bayesian approach to criminal geographic profiling. In: *Proceedings of the 1st International Conference and Exhibition on Computing for Geospatial Research & Application - COM.Geo '10*. s. 8.
- OAKES, J. M. (2004): The (mis)estimation of neighborhood effects: causal inference for a practicable social epidemiology. *Social science & medicine*, 58, č. 10, s. 1929–52.
- OPENSHAW, S. (1984a): Ecological fallacies and the analysis of areal census data. *Environment and Planning A*, 1, č. 16, s. 17 – 31.
- OPENSHAW, S. (1984b): *The Modifiable Areal Unit Problem*. In: *Geo Books*. Norwich.
- ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT (2014): *OECD Regional eXplorer* [online]. Dostupné z: <http://stats.oecd.org/OECDregionalstatistics/#story=0>
- OSEI, F. B. (2014): *Current Statistical Methods for Spatial Epidemiology: A Review*. *Austin Biometrics and Biostatistics*, 1, č. 2, s. 7.
- OSTFELD, R. S. et al. (2005): Spatial epidemiology: an emerging (or re-emerging) discipline. *Trends in ecology & evolution*, 20, č. 6, s. 328–36.
- PÁSZTO, V. et al. (2014): Using a fuzzy inference system to delimit rural and urban municipalities in the Czech republic in 2010. *Journal of Maps*, 11, č. 2, s. 231–239.
- PEBESMA, E. (2012): spacetime: Spatio-temporal data in r. *Journal of Statistical Software*, 51, č. 7, s. 30.
- PEBESMA, E., GRÄLER, B. (2014): *Spatio-temporal geostatistics using gstat*. Münster, DE, 1-11 s.
- PECÁKOVÁ, I. (2007): Logistická regrese s vícekategoriální vysvětlovanou proměnnou. *Acta Oeconomica Pragensia*, 15, č. 1, s. 86–96.
- PEKÁR, S., BRABEC, M. (2009): *Moderní analýza biologických dat: Zobecněné lineární modely v prostředí R*. Scientia, Praha, 225 s.
- PENG, R. D., DOMINICI, F. (2008): *Statistical Methods for Environmental Epidemiology with R: A Case Study in Air Pollution and Health*. Springer New York, New York, NY.
- PFEIFFER, D. et al. (2008): *Spatial analysis in epidemiology*. Oxford University Press.
- R CORE TEAM (2014): *R: A language and environment for statistical computing*. R Foundation for Statistical Computing, Vienna, Austria.
- RAINE, N. E. et al. (2009): Geographic profiling applied to testing models of bumble-bee foraging. *Journal of the Royal Society, Interface / the Royal Society*, 6, č. 32, s. 307–319.
- REZAEIAN, M. et al. (2007): Geographical epidemiology, spatial analysis and geographical information systems: a multidisciplinary glossary. *Journal of epidemiology and community health*, 61, č. 2, s. 98–102.
- RICHARDSON, S. et al. (2004): Interpreting Posterior Relative Risk Estimates in Disease-Mapping Studies. *Environmental Health Perspectives*, 112, č. 9, s. 1016–1025.
- ROSSMO, D. K. (1995a): *Geographic profiling: Target patterns of serial murderers*. Diplomová práce. 581-581 p. s.
- ROSSMO, D. K. (1995b): *Place, Space, and Police Investigations: Hunting Serial Violent Criminals*. In: Weisburd, D. a Eck, J. E. (ed.): *Crime and place*. NY: Criminal Justice Press, Monsey, s. 217 – 235.

- ROSSMO, D. K. (1999): *Geographic Profiling*. CRC Press, Boca Raton, 376 s.
- ROSSMO, D. K. (2000): *Geographic profiling*. CRC Press, New York, 376 s.
- ROUHANI, S., MYERS, D. E. (1990): Problems in space-time kriging of geohydrological data. *Mathematical Geology*, 22, č. 5, s. 611–623.
- RUSHTON, G. (2003): Public health, GIS, and spatial analytic tools. *Annual review of public health*, 24, s. 43–56.
- RYTKÖNEN, M. J. (2004): Not all maps are equal: GIS and spatial analysis in epidemiology. *International journal of circumpolar health*, 63, č. 1, s. 9–24.
- SARI KOVATS, R. et al. (2005): Climate variability and campylobacter infection: An international study. *International Journal of Biometeorology*, 49, č. 4, s. 207–214.
- SCOTT, L. M., JANIKAS, M. V (2010): *Spatial Statistics in ArcGIS*. In: Fischer, M. M. a Getis, A. (ed.): *Handbook of Applied Spatial Analysis*. Springer Berlin Heidelberg, Berlin, Heidelberg, s. 27–42.
- SHEKHAR, S. et al. (2011): Identifying patterns in spatial information: A survey of methods. *Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery*, 1, č. 3, s. 193–214.
- SCHLIEP, K., HECHENBICHLER, K. (2014): kkn: Weighted k-Nearest Neighbors. Verze 1.2-5. Dostupné z: <http://cran.r-project.org/package=kkn>
- SMOLA, A. J. et al. (1998): The connection between regularization operators and support vector kernels. *Neural Networks*, 11, č. 4, s. 637–649.
- SNOOK, B. et al. (2005): Commentary: Shortcuts to Geographic profiling success: A reply to Rossmo (2005). *Applied Cognitive Psychology*, 19, č. 5, s. 655–661.
- SPENCER, S. et al. (2012): The spatial and temporal determinants of campylobacteriosis notifications in New Zealand, 2001-2007. *Epidemiology and infection*, 140, č. 9, s. 1663–77.
- SPEYBROECK, N. (2012): Classification and regression trees. *International Journal of Public Health*, 57, č. 1, s. 243–246.
- SPIELMAN, S. E., THILL, J.-C. (2008): Social area analysis, data mining, and GIS. *Computers, Environment and Urban Systems*, 32, č. 2, s. 110–122.
- SPIILKOVA, J. et al. (2014): Perception of neighborhood environment and health risk behaviors in Prague's teenagers: a pilot study in a post-communist city. *International Journal of Health Geographics*, 13, č. 1, s. 41.
- SPIILKOVÁ, J. et al. (2011): Inequalities in smoking in the Czech Republic: Societal or individual effects? *Health and Place*, 17, č. 1, s. 215–221.
- SPURNÁ, P. (2008): Prostorová autokorelace – všudypřítomný jev při analýze prostorových dat? *Sociologický časopis/Czech Sociological Review*, 44, č. 4, s. 767–787.
- STAESSEN, J. et al. (1999): Environmental exposure to cadmium, forearm bone density, and risk of fractures: prospective population study*. *The Lancet*.
- STEVENSON, M. D. et al. (2012): Geographic profiling as a novel spatial tool for targeting the control of invasive species. *Ecography*, 35, č. December 2011, s. 704–715.
- STEVENSON, M. D. (2014): *User Guide to Rgeoprofile (version 1.2)*. 11 s.
- STEVENSON, M. D. (2015): *epiR: Tools for the Analysis of Epidemiological Data*. Verze 0.9-62. Dostupné z: <http://cran.r-project.org/package=epiR>
- STEVENSON, M. D., VERITY, R. (2014): *Rgeoprofile: Geographic Profiling in R*. Verze 1.3. Dostupné z: <http://evolve.sbc.s.qmul.ac.uk/lecomber/sample-page/geographic-profiling/>

- SWEENEY, L. (2000): Simple demographics often identify people uniquely. Pittsburgh, 1-34 s.
- SWEENEY, L. et al. (2013): Identifying Participants in the Personal Genome Project by Name. SSRN Electronic Journal, s. 1-4.
- SZÚ ČR (2010): Zdravotní nezávadnost mléka prodávaného prostřednictvím automatů [online]. Dostupné z: http://apps.szu.cz/svi/hygiena/show.php?kat=novinky_vse#100118c
- SZÚ ČR (2014): Státní zdravotní ústav [online]. Dostupné z: <http://www.szu.cz/>
- ŠIROKÝ, P. (1999): Výpočet a odhad měr incidence, prevalence a mortality. Klinická onkologie, 12, č. 23-24, s. 2.
- ŠTAMPACH, R. (2010): Explorační geografická analýza zdravotních dat a jejich kartografická prezentace. Diplomová práce. Masarykova Univerzita v Brně,
- ŠTAMPACH, R. (2013): Mezinárodní zdroje dat a map se zdravotní tematikou: srovnání a potenciál. In: 7. kartografický den2. Olomouc, s. 40.
- ŠTAMPACH, R., GERYK, E. (2012): Health statistics in international databases and their cartographic visualization. Quaestiones Geographicae, 31, č. 3, s. 77-88.
- TATEM, A. J. et al. (2004): Terra and Aqua: new data for epidemiology and public health. International Journal of Applied Earth Observation and Geoinformation, 6, č. 1, s. 33-46.
- TATEM, A. J. et al. (2012): Mapping populations at risk: improving spatial demographic data for infectious disease modeling and metric derivation. Population health metrics, 10, č. 1, s. 8.
- THE CENTER FOR FOOD SECURITY & PUBLIC HEALTH (2013): Campylobacteriosis. Ames, 7 s.
- THERNEAU, T. et al. (2014): rpart: Recursive Partitioning and Regression Trees. Verze R package version 4.1-8. Dostupné z: <http://cran.r-project.org/package=rpart>
- THOMAS, J. J., COOK, K. A.ed. (2005): Illuminating the path: The research and Development Agenda for visual analytics. IEEE Computer Society Press, Chicago, USA, 184 s.
- TIMM, N. H. (2002): Applied Multivariate Analysis. Springer, New York, 693 s.
- TOBLER, W. R. (1970): A Computer Movie Simulation Urban Growth in the Detroit Region. Economic Geography, 46, č. 332, s. 234-240.
- TOMASZEWSKI, B. (2009): Emerging Applications and Challenges for Geovisual Analytics Research. 43 s.
- TVRDÍK, J. (2003): Analýza vícerozměrných dat.
- ÚSTAV ZDRAVOTNICKÝCH INFORMACÍ A STATISTIKY ČESKÉ REPUBLIKY (2013): Infekční nemoci 2013. 60 s.
- ÚZIS ČR (2014): Ústav zdravotnických informací a statistiky ČR [online]. Dostupné z: <http://www.uzis.cz/>
- VELKÝ LÉKAŘSKÝ SLOVNÍK (2008): Velký lékařský slovník [online]. Dostupné z: <http://lekarske.slovniky.cz/pojem/morbidita>
- VENABLES, W. N., RIPLEY, B. D. (2002): Modern Applied Statistics with S. Springer, New York, 498 s.
- VERITY, R. et al. (2014): Spatial targeting of infectious disease control: identifying multiple, unknown sources. Methods in Ecology and Evolution, 5, č. 7, s. 647-655.
- VOŽENÍLEK, V. et al. (2011): Metody tematické kartografie: vizualizace prostorových jevů. Univerzita Palackého v Olomouci, Olomouc, 216 s.

- SWEENEY, L. (2000): Simple demographics often identify people uniquely. Pittsburgh, 1-34 s.
- SWEENEY, L. et al. (2013): Identifying Participants in the Personal Genome Project by Name. SSRN Electronic Journal, s. 1-4.
- SZÚ ČR (2010): Zdravotní nezávadnost mléka prodávaného prostřednictvím automatů [online]. Dostupné z: http://apps.szu.cz/svi/hygiena/show.php?kat=novinky_vse#100118c
- SZÚ ČR (2014): Státní zdravotní ústav [online]. Dostupné z: <http://www.szu.cz/>
- ŠIROKÝ, P. (1999): Výpočet a odhad měr incidence, prevalence a mortality. *Klinická onkologie*, 12, č. 23-24, s. 2.
- ŠTAMPACH, R. (2010): Explorační geografická analýza zdravotních dat a jejich kartografická prezentace. Diplomová práce. Masarykova Univerzita v Brně,
- ŠTAMPACH, R. (2013): Mezinárodní zdroje dat a map se zdravotní tematikou: srovnání a potenciál. In: 7. kartografický den2. Olomouc, s. 40.
- ŠTAMPACH, R., GERYK, E. (2012): Health statistics in international databases and their cartographic visualization. *Quaestiones Geographicae*, 31, č. 3, s. 77-88.
- TATEM, A. J. et al. (2004): Terra and Aqua: new data for epidemiology and public health. *International Journal of Applied Earth Observation and Geoinformation*, 6, č. 1, s. 33-46.
- TATEM, A. J. et al. (2012): Mapping populations at risk: improving spatial demographic data for infectious disease modeling and metric derivation. *Population health metrics*, 10, č. 1, s. 8.
- THE CENTER FOR FOOD SECURITY & PUBLIC HEALTH (2013): *Campylobacteriosis*. Ames, 7 s.
- THERNEAU, T. et al. (2014): rpart: Recursive Partitioning and Regression Trees. Verze R package version 4.1-8. Dostupné z: <http://cran.r-project.org/package=rpart>
- THOMAS, J. J., COOK, K. A. ed. (2005): *Illuminating the path: The research and Development Agenda for visual analytics*. IEEE Computer Society Press, Chicago, USA, 184 s.
- TIMM, N. H. (2002): *Applied Multivariate Analysis*. Springer, New York, 693 s.
- TOBLER, W. R. (1970): A Computer Movie Simulation Urban Growth in the Detroit Region. *Economic Geography*, 46, č. 332, s. 234-240.
- TOMASZEWSKI, B. (2009): *Emerging Applications and Challenges for Geovisual Analytics Research*. 43 s.
- TVRDÍK, J. (2003): *Analýza vícerozměrných dat*.
- ÚSTAV ZDRAVOTNICKÝCH INFORMACÍ A STATISTIKY ČESKÉ REPUBLIKY (2013): *Infekční nemoci 2013*. 60 s.
- ÚZIS ČR (2014): Ústav zdravotnických informací a statistiky ČR [online]. Dostupné z: <http://www.uzis.cz/>
- VELKÝ LÉKAŘSKÝ SLOVNÍK (2008): Velký lékařský slovník [online]. Dostupné z: <http://lekarske.slovniky.cz/pojem/morbidita>
- VENABLES, W. N., RIPLEY, B. D. (2002): *Modern Applied Statistics with S*. Springer, New York, 498 s.
- VERITY, R. et al. (2014): Spatial targeting of infectious disease control: identifying multiple, unknown sources. *Methods in Ecology and Evolution*, 5, č. 7, s. 647-655.
- VOŽENÍLEK, V. et al. (2011): *Metody tematické kartografie: vizualizace prostorových jevů*. Univerzita Palackého v Olomouci, Olomouc, 216 s.

- WALESIAK, M., DUDEK, A. (2007): Symulacyjna optymalizacja wyboru procedury klasyfikacyjnej dla danego typu danych—oprogramowanie komputerowe i wyniki badań. Zeszyty Naukowe Uniwersytetu Szczecińskiego, č. 450, s. 635–646.
- WALLER, L. (2005): Bayesian thinking in spatial statistics. Handbook of Statistics, 25, s. 589–618.
- WALLER, L. (2009): Detection of clustering in spatial data. The SAGE handbook of spatial analysis, s. 34.
- WALLER, L. A., GOTWAY, C. A. (2004): Applied Spatial Statistics for Public Health Data. John Wiley & Sons.
- WANG, F. (2009): Factor Analysis and Principal-Components Analysis. In: Kitchin, R. a Thrift, N. (ed.): International Encyclopedia of Human Geography. Elsevier, Oxford, s. 1–7.
- WEHRENS, R., BUYDENS, L. M. C. (2007): Self-and super-organizing maps in R: the Kohonen package. Journal Of Statistical Software, 21, č. 5, s. 19.
- WEISENT, J. et al. (2011): Detection of high risk campylobacteriosis clusters at three geographic levels. Geospatial health, 6, č. 1, s. 65–76.
- WEISENT, J. et al. (2012): Socioeconomic determinants of geographic disparities in campylobacteriosis risk: a comparison of global and local modeling approaches. International Journal of Health Geographics, 11, č. 1, s. 45.
- WIKLE, B. C. K., CRESSIE, N. (1999): A dimension-reduced approach to space-time Kalman filtering. s. 815–829.
- WILLIAMS, G. (2011): Data mining with Rattle and R: the art of excavating data for knowledge discovery.
- WU, X. et al. (2007): Top 10 algorithms in data mining. 1-37 s.
- XIE, X. (2008): A review of recent advances in surface defect detection using texture analysis techniques. Electronic Letters on Computer Vision and Image Analysis, 7, č. 3, s. 1–22.
- ZAFARANI, R. et al. (2014): Social Media Mining: An Introduction. Cambridge University Press, Cambridge, 380 s.
- ZEILEIS, A. et al. (2008): Regression models for count data in R. Journal of Statistical Software, 27, č. 8, s. 1–25.
- ZELEŇÁKOVÁ, L. et al. (2012): Application of epidemiological information system (EPIS) in the Slovak republic within the surveillance of salmonellosis and campylobacteriosis outbreaks in the European Union (2001-2010). Acta Universitatis Agriculturae et Silviculturae Mendelianae Brunensis, LX, č. 1, s. 189–200.
- ZHAO, Y. (2013): R and Data Mining: Examples and Case Studies. Elsevier, 160 s.