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References

- [1] Abellanas, M., Claverol, M., Hurtado, F.: Point set stratification and Delaunay depth. Computational Statistics & Data Analysis 51, 2513–2530 (2007)
- [2] Abelson, H., Sussman, G., Sussman, J.: Struktura i interpretacja programów komputerowych. WNT, Warszawa (2002)
- [3] Abramovitz, M., Stegun, I.A.: Handbook of Mathematical Functions with Formulas, Graphs, and Mathematical Tables. National Bureau of Standards Applied Mathematics Series (1972)
- [4] Abramowitz, M., Stegun, I.A.: Handbook of mathematical functions. Dover, New York (1972), http://www.iopb.res.in/~somen/abramowitz_and_stegun/
- [5] Abreu, J., Rico-Juan, J.: A new iterative algorithm for computing a quality approximate median of strings based on edit operations. Pattern Recognition Letters 36, 74–80 (2014)
- [6] Achiezer, N.: Teoria aproksymacji. PWN, Warszawa (1957)
- [7] Aczel, A.: Complete Business Statistics. Irvin (1996)
- [8] Aczél, J.: On mean values. Bulletin of the American Mathematical Society 54(4), 392–400 (1948)
- [9] Ahn, B.S.: Preference relation approach for obtaining OWA operators weights. International Journal of Approximate Reasoning 47(2), 166–178 (2008)
- [10] Ahn, B.S.: Parameterized OWA operator weights: An extreme point approach. International Journal of Approximate Reasoning 51(7), 820–831 (2010)
- [11] Aho, A., Garey, M., Ullman, J.: The transitive reduction of a directed graph. SIAM Journal on Computing 1(2), 131–137 (1972)
- [12] Aho, A., Sethi, R., Ullman, J.: Kompilatory. Reguly, metody i narzędzia. WNT, Warszawa (2002)
- [13] Alonso, S., Cabrerizo, F.J., Herrera-Viedma, E., Herrera, F.: h-index: A review focused on its variants, computation and standardization for different scientific fields. Journal of Informetrics 3, 273–289 (2009)
- [14] Alonso, S., Cabrerizo, F.J., Herrera-Viedma, E., Herrera, F.: hg-index: A new index to characterize the scientific output of researchers based on the h- and g-indices. Scientometrics 82(2), 391–400 (2010)
- [15] Aloupis, G.: Geometric measures of data depth. In: DIMACS Series in Discrete Mathematics and Theoretical Computer Science. pp. 147–158 (2006)
- [16] Aloupis, G., Cortés, C., Gómez, F., Soss, M., Toussaint, G.: Lower bounds for computing statistical depth. Computational Statistics & Data Analysis 40, 223–229 (2002)
- [17] Aloupis, G., Langerman, S., Soss, M., Toussaint, G.: Algorithms for bivariate medians and a Fermat-Torricelli problem for lines. Computational Geometry: Theory and Applications 26(1), 69–79 (2003)
- [18] Aloupis, G., McLeish, E.: A lower bound for computing Oja depth. Information Processing Letters 96, 151–153 (2005)
- [19] Altman, A.: The axiomatic approach to ranking systems. Ph.D. thesis, Israel Institute of Technology, Haifa, Izrael (2007)
- [20] Altman, A., Tennenholtz, M.: Ranking systems: The PageRank axioms. In: Proc. 6th ACM Conf. on Electronic Commerce (2005)
- [21] Anderson, E., et al.: LAPACK Users' Guide (1999), sIAM. Available on-line at http://www.netlib.org/lapack/lug/lapack_lug.html
- [22] Anderson, T.R., Hankin, R.K.S., Killworth, P.D.: Beyond the Durfee square: Enhancing the h-index to score total publication output. Scientometrics 69(3), 577–588 (2008)
- [23] Angelov, P., Yager, R.: Density-based averaging A new operator for data fusion. Information Sciences 222, 163–174 (2013)

- [24] Arnold, B.C.: Pareto and generalized pareto distributions. In: Economic Studies in Equality, Social Exclusion and Well-Being, pp. 119–145. Springer (2008)
- [25] Arrow, K.J.: A difficulty in the concept of social welfare. Journal of Political Economy 58(4), 328–346 (1950)
- [26] Arunachalam, S.: Citation analysis: Do we need a thoeory? Scientometrics 43(1), 141–142 (1998)
- [27] Atanassov, K.T.: Intuitionistic fuzzy sets. Fuzzy Sets and Systems 20, 87–96 (1986)
- [28] Bååth, R.: The state of naming conventions in R. The R Journal 4(2), 74–75 (2012)
- [29] Baczyński, M., Jayaram, B.: Fuzzy implications. Springer-Verlag, Berlin (2008)
- [30] Bahlmann, C.: Directional features in online handwriting recognition. Pattern Recognition 39(1), 115–125 (2006)
- [31] Ball, P.: Index aims for fair ranking of scientists. Nature 436, 900 (2005)
- [32] Ban, A.I.: Approximation of fuzzy numbers by trapezoidal fuzzy numbers preserving the expected interval. Fuzzy Sets and Systems 159, 1327–1344 (2008)
- [33] Ban, A.I.: On the nearest parametric approximation of a fuzzy number revisited. Fuzzy Sets and Systems 160, 3027–3047 (2009)
- [34] Ban, A.I., Coroianu, L.: Simplifying the search for effective ranking of fuzzy numbers. IEEE Transactions on Fuzzy Systems 23, 327–339 (2015)
- [35] Ban, A.I., Coroianu, L., Grzegorzewski, P.: Trapezoidal approximation and aggregation. Fuzzy Sets and Systems 177, 45–59 (2011)
- [36] Ban, A.I., Coroianu, L., Grzegorzewski, P.: A fixed-shape fuzzy median of a fuzzy sample. In: Proc. EUSFLAT 2013). pp. 215–222. Atlantis Press (2013)
- [37] Baneyx, A.: Publish or Perish as citation metrics used to analyze scientific output in the humanities: International case studies in economics, geography, social sciences, philosophy, and history. Archivum Immunologiae et Therapia Experimentalis 56, 363–371 (2008)
- [38] Banks, M.G.: An extension of the Hirsch index: Indexing scientific topics and compounds. Scientometrics 69(1), 161–168 (2006)
- [39] Bar-Ilan, J.: H-index for price medalists revisited. ISSI Newsletter 2(1), 3–5 (2006)
- [40] Bar-Ilan, J.: Informetrics at the beginning of the 21st century A review. Journal of Informetrics 2, 1–52 (2008)
- [41] Barabási, A., Newman, M., Watts, D.: The Structure and Dynamics of Networks. Princeton University Press (2006)
- [42] Barcza, K., Telcs, A.: Paretian publication patterns imply Paretian Hirsch index. Scientometrics 81(2), 513–519 (2009)
- [43] Barnett, G.A., Fink, E.L., Debus, M.B.: Mathematical model of academic citation age. Communication research 4(16), 510–531 (1989)
- [44] Barra, J.: Matematyczne podstawy statystyki. PWN, Warszawa (1982)
- [45] Bartłomiejczyk, L., Drewniak, J.: A characterization of sets and operations invariant under bijections. Æquationes Mathematicæ 68, 1–9 (2004)
- [46] Bartneck, C., Kokkelmans, S.: Detecting h-index manipulation through self-citation analysis. Scientometrics 87, 85–98 (2011)
- [47] Bartoszuk, M., Gagolewski, M.: A fuzzy R code similarity detection algorithm. In: Laurent, A., et al. (eds.) Information Processing and Management of Uncertainty in Knowledge-Based Systems, Part III. vol. 444, pp. 21–30. Springer (2014)
- [48] Bartoszuk, M., Gagolewski, M.: Detecting similarity of R functions via a fusion of multiple heuristic methods. In: Alonso, J., Bustince, H., Reformat, M. (eds.) Proc. IFSA/Eusflat 2015. pp. 419–426. Atlantic Press (2015)

- [49] Basu, A.: A note on the connection between the Hirsch index and the Random Hierarchical model. ISSI Newsletter 3(2), 24–27 (2007)
- [50] Batista, P.D., Campiteli, M.G., Kinouchi, O., Martinez, A.S.: Is it possible to compare researchers with different scientific interests? Scientometrics 68(1), 179–189 (2006)
- [51] Becker, R., Chambers, J., Wilks, A.: The New S Language. Chapman & Hall (1998), "The Blue Book"
- [52] Bedall, F.K., Zimmermann, H.: Algorithm AS 143: The Mediancentre. Journal of the Royal Statistical Society. Series C (Applied Statistics) 28(3), 325–328 (1979)
- [53] Beirlant, J., Glänzel, W., Carbonez, A., Leemans, H.: Scoring research output using statistical quantile plotting. Journal of Informetrics 1, 185–192 (2007)
- [54] Beliakov, G.: Shape preserving approximation using least squares splines. Approximation Theory and its Applications 16(4), 80–98 (2000)
- [55] Beliakov, G.: Monotone approximation of aggregation operators using least squares splines. International Journal of Uncertainty, Fuzziness and Knowledge-based Systems 10, 659–676 (2002)
- [56] Beliakov, G.: How to build aggregation operators from data. International Journal of Intelligent Systems 18, 903–923 (2003)
- [57] Beliakov, G.: Learning weights in the generalized OWA operators. Fuzzy Optimization and Decision Making 4, 119–130 (2005)
- [58] Beliakov, G.: Monotonicity preserving approximation of multivariate scattered data. BIT Numerical Mathematics 45, 653–677 (2005)
- [59] Beliakov, G.: Construction of aggregation operators for automated decision making via optimal interpolation and global optimization. Journal of Industrial and Management Optimization 3(2), 193–208 (2007)
- [60] Beliakov, G.: Construction of aggregation functions from data using linear programming. Fuzzy Sets and Systems 160, 65–75 (2009)
- [61] Beliakov, G.: Fast computation of trimmed means. Journal of Statistical Software 39, Code snippet 2 (2011)
- [62] Beliakov, G., Calvo, T., James, S.: On penalty-based aggregation functions and consensus. In: Herrera-Viedma, E., et al. (eds.) Consensual Processes, STUDFUZZ 267. pp. 23–40 (2011)
- [63] Beliakov, G., Calvo, T., Wilkin, T.: Three types of monotonicity of averaging functions. Knowledge-Based Systems 72, 114–122 (2014)
- [64] Beliakov, G., Calvo, T., Wilkin, T.: On the weak monotonicity of Gini means and other mixture functions. Information Sciences 300, 70–84 (2015)
- [65] Beliakov, G., James, S.: Citation-based journal ranks: The use of fuzzy measures. Fuzzy Sets and Systems 167, 101–119 (2011)
- [66] Beliakov, G., James, S.: Using linear programming for weights identification of generalized Bonferroni means in R. Lecture Notes in Computer Science 7647, 35–44 (2012)
- [67] Beliakov, G., James, S.: Stability of weighted penalty-based aggregation functions. Fuzzy Sets and Systems 226, 1–18 (2013)
- [68] Beliakov, G., James, S.: Stability of weighted penalty-based aggregation functions. Fuzzy Sets and Systems 226(1), 1–18 (2013)
- [69] Beliakov, G., Pradera, A., Calvo, T.: Aggregation functions: A guide for practitioners. Springer-Verlag (2007)
- [70] Beliakov, G., Warren, J.: Appropriate choice of aggregation operators in fuzzy decision support systems. IEEE Transactions on fuzzy systems 9(6), 773–784 (2001)
- [71] Beliakov, G., Wilkin, T.: On some properties of weighted averaging with variable weights. Information Sciences 281, 1–7 (2014)

- [72] Bellosta, C.J.G.: ADGofTest: Anderson-Darling GoF test (2009), http://CRAN.R-project.org/package=ADGofTest, R package version 0.1
- [73] Benjamini, Y., Hochberg, Y.: Controlling False Discovery Rate: A practical and powerful approach to multiple testing. Journal of the Royal Statistical Society. Series B 57(1), 289–300 (1995)
- [74] Bermudez, P.Z., Kotz, S.: Parameter estimation of the Generalized Pareto Distribution. Part II. Journal of Statistical Planning and Inference 140(6), 1374–1388 (2010)
- [75] Bernasconi, M., Choirat, C., Seri, R.: Empirical properties of group preference aggregation methods employed in AHP: Theory and evidence. European Journal of Operational Research 232, 584–592 (2014)
- [76] Bezdek, J.C., Spillman, B., Spillman, R.: Fuzzy relation spaces for group decision theory: An application. Fuzzy Sets and Systems 2, 5–14 (1979)
- [77] Bickel, P., Doksum, K.: Mathematical Statistics: Basic Ideas and Selected Topics. Holden-Day (1977)
- [78] Biecek, P.: Przewodnik po pakiecie R. GiS, Wrocław (2011)
- [79] Biecek, P.: Analiza danych z programem R. Modele liniowe z efektami stałymi, losowymi i mieszanymi. PWN, Warszawa (2012)
- [80] Billingsley, P.: Prawdopodobieństwo i miara. PWN, Warszawa (2009)
- [81] Birkhoff, G.: Lattice Theory. American Mathematical Society, Providence, RI (1967)
- [82] Bisschop, J., et al.: AIMMS Optimization Modeling. Paragon Decision Technology (2012)
- [83] B.J. Oommen, R.L.: Pattern recognition of strings with substitutions, insertions, deletions and generalized transpositions. Pattern Recognition 30, 789–800 (1997)
- [84] Blizard, W.D.: Multiset theory. Notre Dame Journal of Formal Logic 30(1), 36–66 (1989)
- [85] Bloomfield, P., Steiger, W.L.: Least Absolute Deviations. Theory, applications, and algorithms. Birkhäuser, Boston, Basel, Stuttgart (1983)
- [86] Blum, M., Floyd, R.W., Pratt, V., Rives, R.L., Tarjan, R.E.: Time bounds for selection. Journal of Computer and System Sciences 7(4), 448–460 (1973)
- [87] Bodenhofer, U., de Baets, B., Fodor, J.: A compendium of fuzzy weak orders: Representations and constructions. Fuzzy Sets and Systems 158, 811–829 (2007)
- [88] Bodenhofer, U.: A similarity-based generalization of fuzzy orderings. Ph.D. thesis, Jonannes Kepler University, Linz, Austria (1999)
- [89] Bodjanova, S.: Median value and median interval of a fuzzy number. Information Sciences 172, 73–89 (2005)
- [90] Boell, S.K., Wilson, C.S.: Journal Impact Factors for evaluation scientific performance: Use of h-like indicators. Scientometrics 82, 613–626 (2010)
- [91] Bollen, J., Rodriguez, M.A., van de Sompel, H.: Journal status. Scientometrics 69(3), 669–687 (2006)
- [92] Bonitz, M.: Ten years of Matthew effect for countries. Scientometrics 64(3), 375–379 (2005)
- [93] Bonnett, X., Shine, R., Lourdais, O.: Taxonomic chauvinism. TRENDS in Ecology and Evolution 21(4), 1–3 (2002)
- [94] Bookstein, A.: Implications of ambiguity for scientometric measurement. Journal of the American Society for Information Science and Technology 52(1), 74–79 (2001)
- [95] Boomsma, W., Mardia, K., Taylor, C., Ferkinghoff-Borg, J., Krogh, A., Hamelryck, T.: A generative, probabilistic model of local protein structure. Proceedings of the National Academy of Sciences 105(26), 8932–8937 (2008)
- [96] Bornmann, L., Daniel, H.D.: Convergent validation of peer review decisions using the h index. Extent of and reasons for type I and type II errors. Journal of Informetrics 1, 204–213 (2007)
- [97] Bornmann, L., Daniel, H.D.: What do we know about the h index? Journal of the American Society for Information Science and Technology 58(9), 1381–1385 (2007)

- [98] Bornmann, L., Daniel, H.D.: What do citation counts measure? A review of studies on citing behavior. Journal of Documentation 64(1), 45–80 (2008)
- [99] Bornmann, L., Daniel, H.D.: The state of h index research. EMBO Reports 10(1), 2–5 (2009)
- [100] Bornmann, L., Mutz, R., Daniel, H.D.: The b index as a measure of scientific excellence. A promising supplement to the h index. Cybermetrics 11(1) (2007)
- [101] Bornmann, L., Mutz, R., Daniel, H.D.: Latent Markov modeling applied to grant peer review. Journal of Informetrics 2(3), 217–228 (2008)
- [102] Borovskikh, Y.V.: Nonuniform estimation of rate of convergence for L-statistics. Ukrainian Mathematical Journal 33(2), 127–132 (1981)
- [103] Borovskikh, Y.V., Weber, N.C.: Asymptotic distributions for a class of generalized L-statistics. Bernoulli 16(4), 1177–1190 (2010)
- [104] Borsik, J., Doboš, J.: On a product of metric spaces. Mathematica Slovaca 31, 193–2015 (1981)
- [105] Bottema, O.: Het begrip "merkwaardig" met betrekking tot punten in de driehoeksmeetkunde. Nieuw Tijdschr. Wisk. 69, 2–7 (1981)
- [106] Boucher, C., Ma, B.: Closest string with outliers. BMC Bioinformatics 12, S55 (2011)
- [107] Bouyssou, D., Marchant, T.: Consistent bibliometric rankings of authors and of journals. Journal of Informetrics 4, 365–378 (2010)
- [108] Bouyssou, D., Marchant, T.: Bibliometric rankings of journals based on Impact Factors: An axiomatic approach. Journal of Informetrics 5, 75–86 (2011)
- [109] Bouyssou, D., Marchant, T.: Ranking scientists and departments in a consistent manner. Journal of the American Society for Information Science and Technology 62(9), 1761–1769 (2011)
- [110] Boyack, K.W., Klavans, R., Börner, K.: Mapping the backbone of science. Scientometrics 64(3), 351–374 (2005)
- [111] Boyd, S., Vandenberghe, L.: Convex Optimization. Cambridge University Press (2009)
- [112] Boytsov, L.: Indexing methods for approximate dictionary searching: Comparative analyses. ACM Journal of Experimental Algorithmics 16, 1–86 (2011)
- [113] Bras-Amorós, M., Domingo-Ferrer, J., Torra, V.: A bibliometric index based on the collaboration distance between cited and citing authors. Journal of Informetrics 5(2), 248–264 (2011)
- [114] Braun, T., Glänzel, W., Schubert, A.: A Hirsch-type index for journals. Scientometrics 69(1), 169–173 (2006)
- [115] Bravington, M.: Debugging without (too many) tears. R News 3(3), 29–32 (2003)
- [116] Bremner, D., Chen, D., Iacono, J., Langerman, S., Morin, P.: Output-sensitive algorithms for Tukey depth and related problems. Statistics and Computing 18(3), 259–266 (2008)
- [117] Brent, R.: Algorithms for minimization without derivatives. Prentice-Hall (1973)
- [118] Brimberg, J.: The Fermat-Weber location problem revisited. Mathematical Programming 71, 71–76 (1995)
- [119] Broadus, R.N.: Early approaches to bibliometrics. Journal of the American Society for Information Science 38(2), 127–129 (1987)
- [120] Brönnimann, H., Melquiond, G., Pionc, S.: The design of the Boost interval arithmetic library. Theoretical Computer Science 351(1), 111–118 (2006)
- [121] Brumback, R.A.: Impact Factor Wars: Episode V The Empire strikes back. Journal of Child Neurology 24(3), 260–262 (2009)
- [122] Brunelli, M., Mezei, J.: How different are ranking methods for fuzzy numbers? a numerical study. International Journal of Approximate Reasoning 54, 627–639 (2013)
- [123] Buchholz, K.: Criteria for the analysis of scientific quality. Scientometrics 32(2), 195–218 (1995)

- [124] Bullen, P.: Handbook of means and their inequalities. Springer Science+Business Media, Dordrecht (2003)
- [125] Burrell, Q.L.: A simple linear model for linked informetric processes. Information Processing & Management 28(5), 637–645 (1992)
- [126] Burrell, Q.L.: The Kolmogorov-Smirnov test and rank-frequency distributions. Journal of the American Society for Information Science 45(1), 59 (1994)
- [127] Burrell, Q.L.: Stochastic modelling of the first-citation distribution. Scientometrics 52(1), 3–12 (2001)
- [128] Burrell, Q.L.: Predicting future citation behavior. Journal of the American Society for Information Science and Technology 54(5), 372–378 (2003)
- [129] Burrell, Q.L.: Are "sleeping beauties" to be expected? Scientometrics 65(3), 381–389 (2005)
- [130] Burrell, Q.L.: The use of Lotka functions and systematic sampling. Scientometrics 67(2), 323–325 (2006)
- [131] Burrell, Q.L.: Hirsch index of Hirsch rate? Some thoughts arising from Liang's data. Scientometrics 73(1), 19–28 (2007)
- [132] Burrell, Q.L.: Hirsch's h-index: A stochastic model. Journal of Informetrics 1, 16–25 (2007)
- [133] Burrell, Q.L.: On the h-index, the size of the Hirsch core and Jin's A-index. Journal of Informetrics 1, 170-177 (2007)
- [134] Burrell, Q.L.: Extending Lotkaian informetrics. Information Processing & Management 44, 1794–1807 (2008)
- [135] Burrell, Q.L.: The publication/citation process at the micro level: A case study. In: Kretschmer, H., Havemann, F. (eds.) Proc. WIS 2008, 4th Intl. Conf. Webometrics, Informetrics and Scientometrics & 9th COLLNET Meeting. Berlin (2008)
- [136] Burrell, Q.L.: Some comments on "The estimation of lost multi-copy documents: A new type of informetrics theory" by Egghe and Proot. Journal of Informetrics 2, 101–105 (2008)
- [137] Burrell, Q.L.: On Hirsch's h, Egghe's g and Kosmulski's h(2). Scientometrics 79(1), 323–325 (2009)
- [138] Bustince, H., Barrenechea, E., Pagola, M.: Relationship between restricted dissimilarity functions, restricted equivalence functions and normal e_N -functions: Image thresholding invariant. Pattern Recognition Letters 29(4), 525–536 (2008)
- [139] Bustince, H., Barrenechea, E., Calvo, T., James, S., Beliakov, G.: Consensus in multi-expert decision making problems using penalty functions defined over a cartesian product of lattices. Information Fusion 17, 56–64 (2014)
- [140] Bustince, H., Fernandez, J., Kolesárová, A., Mesiar, R.: Fusion functions and directional monotonicity. Communications in Computer and Information Science 444, 262–268 (2014)
- [141] Bustince, H., Fernandez, J., Mesiar, R., Pradera, A., Beliakov, G.: Restricted dissimilarity functions and penalty functions. In: Galichet, S., et al. (eds.) Proc. Eusflat/LFA 2011. pp. 79–85 (2011)
- [142] Byrd, R.H., Nocedal, J., Schnabel, R.B.: Representations of quasi-Newton matrices and their use in limited memory methods. Mathematical Programming 63(4), 129–156 (1994)
- [143] Byrd, R., Lu, P., Nocedal, J.: A limited memory algorithm for bound constrained optimization. SIAM Journal on Scientific and Statistical Computing 16, 1190–1208 (1995)
- [144] Calvo, T., Beliakov, G.: Aggregation functions based on penalties. Fuzzy Sets and Systems 161, 1420–1436 (2010)
- [145] Calvo, T., Kolesarova, A., Komorníková, M., Mesiar, R.: Aggregation operators: Properties, classes and construction methods. In: Calvo et al. [147], pp. 3–104
- [146] Calvo, T., Mayor, G.: Remarks on two types of extended aggregation functions. Tatra Mountains Mathematical Publications 16, 235–253 (1999)
- [147] Calvo, T., Mayor, G., Mesiar, R. (eds.): Aggregation operators. New trends and applications, Studies in Fuzziness and Soft Computing, vol. 97. Physica-Verlag, New York (2002)

- [148] Calvo, T., Mayor, G., Torrens, J., Suner, J., Mas, M., Carbonell, M.: Generation of weighting triangles associated with aggregation functions. International Journal of Uncertainty, Fuzziness and Knowledgebased Systems 8(4), 417–451 (2000)
- [149] Calvo, T., Mesiar, R., Yager, R.R.: Quantitative weights and aggregation. IEEE Transactions on Fuzzy Systems 12(1), 62–69 (2004)
- [150] Carbonell, M., Mas, M., Mayor, G.: On a class of monotonic extended owa operators. In: Proc. 6th IEEE International Conference on Fuzzy Systems (FUZZ-IEEE'97). vol. 3, pp. 1695–1700 (1997)
- [151] Cardin, M.: Aggregation functionals on complete lattices. In: Galichet, S., et al. (eds.) Proc. Eusflat/LFA 2011. pp. 86–89 (2011)
- [152] Cardin, M., Couceiro, M.: Invariant functionals on completely distributive lattices. Fuzzy Sets and Systems 167(1), 45–56 (2011)
- [153] Cena, A., Gagolewski, M.: OM3: Ordered maxitive, minitive, and modular aggregation operators Part I: Axiomatic analysis under arity-dependence. In: Bustince, H., et al. (eds.) Aggregation Functions in Theory and in Practise, vol. 228, pp. 93–103. Springer (2013)
- [154] Cena, A., Gagolewski, M.: OM3: Ordered maxitive, minitive, and modular aggregation operators Part II: A simulation study. In: Bustince, H., et al. (eds.) Aggregation Functions in Theory and in Practise, vol. 228, pp. 105–115. Springer (2013)
- [155] Cena, A., Gagolewski, M.: Aggregation and soft clustering of informetric data. In: Baczynski, M., De Baets, B., Mesiar, R. (eds.) Proc. 8th International Summer School on Aggregation Operators (AGOP 2015). pp. 79–84. University of Silesia, Katowice, Poland (2015)
- [156] Cena, A., Gagolewski, M.: A K-means-like algorithm for informetric data clustering. In: Alonso, J., Bustince, H., Reformat, M. (eds.) Proc. IFSA/Eusflat 2015. pp. 536–543. Atlantic Press (2015)
- [157] Cena, A., Gagolewski, M.: OM3: Ordered maxitive, minitive, and modular aggregation operators Axiomatic and probabilistic properties in an arity-monotonic setting. Fuzzy Sets and Systems 264, 138– 159 (2015)
- [158] Cena, A., Gagolewski, M., Mesiar, R.: Problems and challenges of information resources producers' clustering. Journal of Informetrics 9(2) (2015)
- [159] Chakraborty, B., Chaudhuri, P.: On a transformation and re-transformation technique for constructing an affine equivariant multivariate median. Proceedings of the American Mathematical Society 124(8), 2539–2547 (1996)
- [160] Chambers, J.: Programming with Data. Springer-Verlag (1998), "The Green Book"
- [161] Chambers, J.: Software for Data Analysis. Programming with R. Springer-Verlag (2008)
- [162] Chambers, J., Hastie, T.: Statistical Models in S. Chapman & Hall (1992), "The White Book"
- [163] Chan, T.M.: Optimal output-sensitive convex hull algorithms in two and three dimensions. Discrete and Computational Geometry 16, 361–368 (1996)
- [164] Chan, T.M.: An optimal randomized algorithm for maximum Tukey depth. In: Proc. 15th ACM-SIAM Symp. Discrete Algorithms (SODA). pp. 430–436 (2004)
- [165] Chanas, S.: On the interval approximation of a fuzzy number. Fuzzy Sets and Systems 122, 353–356 (2001)
- [166] Chandrasekaran, R., Tamir, A.: Open questions concerning Weiszfeld's algorithm for the Fermat-Weber location problem. Mathematical Programming 44, 293–295 (1989)
- [167] Chaudhuri, P., Sengupta, D.: Sign tests in multidimension: Inference based on the geometry of the data cloud. Journal of the American Statistical Association 88(424), 1363–1370 (1993)
- [168] Chazelle, B.: An optimal convex hull algorithm in any fixed dimension. Discrete and Computational Geometry 10(1), 377–409 (1993)
- [169] Chen, S.J., Hwang, C.L.: Fuzzy Multiple Attribute Decision Making: Methods and Applications. Springer, Berlin, Heidelberg (1992)

- [170] Chen, Y.S., Leimkuhler, F.F.: A relationship between Lotka's law, Bradford's law, and Zipf's law. Journal of the American Society for Information Science 37(5), 307–314 (1986)
- [171] Chen, Y.L., Cheng, L.C.: Mining maximum consensus sequences from group ranking data. European Journal of Operational Research 198, 241–251 (2009)
- [172] Chen, Z.Z., Wang, L.: Fast exact algorithms for the closest string and substring problems with application to the planted (l, d) motif model. IEEE/ACM Transactions on Computational Biology and Bioinformatics 8(5), 1400–1410 (2011)
- [173] Cheney, E.: Introduction to Approximation Theory. McGraw-Hill (1966)
- [174] Cheng, Y., Liu, N.C.: A first approach to the classification of the top 500 world universities by their disciplinary characteristics using scientometrics. Scientometrics 68(1), 135–150 (2006)
- [175] Chenouri, S., Small, C.G.: A nonparametric multivariate multisample test based on data depth. Electronic Journal of Statistics 6, 760–782 (2012)
- [176] Choquet, G.: Theory of capacities. Annales de l'institut Fourier 5, 131–295 (1954)
- [177] Choulakian, V., Stephens, M.A.: Goodness-of-fit tests for the Generalized Pareto Distribution. Technometrics 43(4), 478–484 (2001)
- [178] Chwałkowski, R.: Typografia typowej książki. Helion, Gliwice (2001)
- [179] Clopper, C., Pearson, E.: The use of confidence or fiducial limits illustrated in the case of the binomial. Biometrika 26, 404–413 (1934)
- [180] Conway, J.H., Sloane, N.J.A.: Sphere Packings, Lattices and Groups. Springer-Verlag, New York (1998)
- [181] Coroianu, L., Gagolewski, M., Grzegorzewski, P.: Nearest piecewise linear approximation of fuzzy numbers. Fuzzy Sets and Systems 233, 26–51 (2013)
- [182] Coroianu, L., Gagolewski, M., Grzegorzewski, P.: Piecewise linear approximation of fuzzy numbers a discussion on algorithms, arithmetic operations and stability of fuzzy number characteristics (2014), submitted paper
- [183] Coroianu, L., Gagolewski, M., Grzegorzewski, P., Adabitabar Firozja, M., Houlari, T.: Piecewise linear approximation of fuzzy numbers preserving the support and core. In: Laurent, A., et al. (eds.) Information Processing and Management of Uncertainty in Knowledge-Based Systems, Part II. vol. 443, pp. 244–254. Springer (2014)
- [184] Costas, R., van Leeuwen, T., Bordons, M.: A bibliometric classificatory approach for the study and assessment of research performance at the individual level: The effects of age on productivity and impact. Journal of the American Society for Information Science and Technology 61, 1564–1581 (2010)
- [185] Costas, R., Bordons, M.: The h-index: Advantages, limitations and its relation with other bibliometric indicators at the micro level. Journal of Informetrics 1, 193–203 (2007)
- [186] Costas, R., Bordons, M.: Is g-index better than h-index? An exploratory study at the individual level. Scientometrics 77(2), 267–288 (2008)
- [187] Couceiro, M., Marichal, J.L.: Characterizations of discrete Sugeno integrals as polynomial functions over distributive lattices. Fuzzy Sets and Systems 161, 694–707 (2010)
- [188] Craig, A.T., Hogg, R.V.: Intorudtion to Mathematical Statistics. Macmillan Publishing Co., Inc., New York (1978)
- [189] Cramér, H.: Mathematical methods of statistics. Princeton University Press, Princeton (1946)
- [190] Crawley, M.: Statistics: An Introduction Using R. John Wiley & Sons (2005)
- [191] Crawley, M.: The R Book. John Wiley & Sons (2007)
- [192] Cronin, B.: Metatheorizing citation. Scientometrics 43(1), 45–55 (1998)
- [193] Ćwik, J., Mielniczuk, J.: Statystyczne systemy uczące się. Ćwiczenia w oparciu o pakiet R. OW Politechniki Warszawskiej, Warszawa (2009)

- [194] Czogała, E., Drewniak, J.: Associative monotonic operations in fuzzy set theory. Fuzzy Sets and Systems 12, 249–269 (1984)
- [195] Dalgaard, P.: Introductory Statistics with R. Springer-Verlag (2008)
- [196] Damerau, F.J.: A technique for computer detection and correction of spelling errors. Communications of the ACM 7(3), 171–176 (1964)
- [197] d'Angelo, C.A., Giuffrida, C., Abramo, G.: A heuristic approach to author name disambiguation in bibliometric databases for large-scale research assessments. Journal of the American Society for Information Science and Technology 62(2), 257–269 (2011)
- [198] Dantzig, G.: Linear Programming and Extensions. Princeton University Press, Princeton (1963)
- [199] DasGupta, A.: Asymptotic theory of statistics and probability. Springer-Verlag, New York (2008)
- [200] Dasgupta, M., Deb, R.: Transitivity and fuzzy preferences. Social Choice and Welfare 13, 305–318 (1996)
- [201] David, H.A., Nagaraja, H.N.: Order statistics. Wiley (2003)
- [202] Davis, M., Whistler, K., Scherer, M.: Unicode Technical Standard #10, Unicode Collation Algorithm (revision 30) (2014), http://www.unicode.org/reports/tr10/tr10-30.html
- [203] Davis, P.M.: Reward or persuasion? The battle to define the meaning of a citation. Learned Publishing 21, 5–11 (2009)
- [204] De Baets, B., Mesiar, R.: Triangular norms on product lattices. Fuzzy Sets and Systems 104, 61–75 (1999)
- [205] De Cooman, G., Kerre, E.: Order norms on bounded partially ordered sets. Journal of Fuzzy Mathematics 2, 281–310 (1994)
- [206] de Finetti, B.: Sul significato soggettivo della probabilitá. Fundamenta Mathematicæ 17, 298–329 (1931)
- [207] Dean, J., Ghemawat, S.: Mapreduce: Simplified data processing on large clusters. In: Proc. Operating System Design and Implementation (OSDI). pp. 137–150. San Francisco, CA (2004)
- [208] Deineko, V.G., Woeginger, G.J.: A new family of scientific impact measures: The generalized Kosmulskiindices. Scientometrics 80(3), 819–826 (2009)
- [209] del Amo, A., Montero, J., Molina, E.: Representation of recursive rules. European Journal of Operational Research 130, 29–53 (2001)
- [210] del Castillo, J., Daoudi, J.: Estimation of the Generalized Pareto Distribution. Statistics and Probability Letters 79, 684–688 (2009)
- [211] Delgado, M., Verdegay, J., Vila, M.: On aggregation operations of linguistic labels. International Journal of Intelligent Systems 8(3), 351–370 (1993)
- [212] Delgado, M., Vila, M., Voxman, W.: On a canonical representation of a fuzzy number. Fuzzy Sets and Systems 93, 125–135 (1998)
- [213] Demirci, M.: Aggregation operators on partially ordered sets and their categorical foundations. Kybernetika 42, 261–277 (2006)
- [214] Destercke, S., Dubois, D., Chojnacki, E.: Unifying practical uncertainty representations. I: Generalized p-boxes. International Journal of Approximate Reasoning 49(3), 649–664 (2008)
- [215] Destercke, S., Dubois, D., Chojnacki, E.: Unifying practical uncertainty representations. II: Clouds. International Journal of Approximate Reasoning 49(3), 664–677 (2008)
- [216] Desu, M.M., Rodine, R.H.: Estimation of the population median. Skandinavisk Aktuarietidskrift 28, 67–70 (1969)
- [217] R Development Core Team: R: A language and environment for statistical computing. R Foundation for Statistical Computing, Vienna, Austria (2015), http://www.R-project.org
- [218] Diaconis, P., Shahshahani, M.: The subgroup algorithm for generating uniform random variables. Probability In Engineering And Information Sciences 1, 15–32 (1987)

- [219] Diamond, P., Kloeden, P.: Metric spaces of fuzzy sets. Theory and applications. World Scientific, Singapore (1994)
- [220] Dinu, L.P.: On the classification and aggregation of hierarchies with different constitutive elements. Fundamenta Informaticæ 55(1), 39–50 (2003)
- [221] Dinu, L.P., Ionescu, R.T.: Clustering methods based on closest string via rank distance. In: 14th Intl. Symp. Symbolic and Numeric Algorithms for Scientific Computing. pp. 207–213. IEEE (2012)
- [222] Dinu, L.P., Ionescu, R.T.: An efficient rank based approach for closest string and closest substring. PLoS One 7(6), e37576 (2012)
- [223] Dinu, L.P., Manea, F.: An efficient approach for the rank aggregation problem. Theoretical Computer Science 359(1–3), 455–461 (2006)
- [224] Donoho, D.L., Gasko, M.: Breakdown properties of location estimates based on halfspace depth and projected outlyingness. The Annals of Statistics 20(4), 1803–1827 (1992)
- [225] Dubois, D., Fargier, H., Prade, H.: Refinements of the maximum approach to decision-making in a fuzzy environment. Fuzzy Sets and Systems 81, 103–122 (1996)
- [226] Dubois, D., Prade, H.: Operations on fuzzy numbers. Int. J. Syst. Sci. 9, 613–626 (1978)
- [227] Dubois, D., Prade, H.: Fuzzy numbers: An overview. In: In: Analysis of Fuzzy Information. Mathematical Logic, vol. I, pp. 3–39. CRC Press (1987)
- [228] Dubois, D., Prade, H.: The mean value of a fuzzy number. Fuzzy Sets and Systems 24, 279–300 (1987)
- [229] Dubois, D., Fortemps, P., Pirlot, M., Prade, H.: Leximin optimality and fuzzy set theoretic operations. European Journal of Operational Research 130(1), 20–28 (2001)
- [230] Dubois, D., Prade, H.: Fuzzy sets and systems. Theory and applications. Academic Press, New York (1980)
- [231] Dubois, D., Prade, H.: A review of fuzzy set aggregation connectives. Information Sciences 39, 85–121 (1985)
- [232] Dubois, D., Prade, H.: Semantics of quotient operators in fuzzy relational databases. Fuzzy Sets and Systems 78(1), 89–93 (1996)
- [233] Dubois, D., Prade, H.: Possibility theory, probability theory and multiple-valued logics: A clarification. Annals of Mathematics and Artificial Intelligence 32, 35–66 (2001)
- [234] Dubois, D., Prade, H.: On the use of aggregation operations in information fusion processes. Fuzzy Sets and Systems 142, 143–161 (2004)
- [235] Dubois, D., Prade, H.: Formal representations of uncertainty. In: Bouyssou, D., Dubois, D., Pirlot, M., Prade, H. (eds.) Decision-making process, chap. 3. ISTE, London, UK (2009)
- [236] Dubois, D., Prade, H., Smets, P.: A definition of subjective possibility. International Journal of Approximate Reasoning 48(2), 352–364 (2008)
- [237] Dubois, D., Prade, H., Testemale, C.: Weighted fuzzy pattern matching. Fuzzy Sets and Systems 28, 313–331 (1988)
- [238] Dukhovny, A.: Lattice polynomials of random variables. Statistics and Probability Letters 77, 989–994 (2007)
- [239] Durante, F., Mesiar, R., Papini, P.L., Sempi, C.: 2-increasing binary aggregation operators. Information Sciences 177, 111–129 (2007)
- [240] Durocher, S., Fraser, R., Leblanc, A., Morrison, J., Skala, M.: On combinatorial depth measures. In: Proc. 26th Canadian Conf. Computational Geometry. pp. 206–211 (2014)
- [241] Dyckerhoff, R., Koshevoy, G., Mosler, K.: Zonoid data depth: Theory and computation. In: Prat, A., et al. (eds.) Proc. COMPSTAT 1996. pp. 235–240. Physica-Verlag, Heidelberg (1996)
- [242] Eaton, M.L.: Multivariate Statistics. Wiley, New York (1983)

- [243] Eddelbuettel, D.: Seamless R and C++ Integration with Rcpp. Springer, New York (2013)
- [244] Eddelbuettel, D., François, R.: Rcpp: Seamless R and C++ integration. Journal of Statistical Software 40(8), 1–18 (2011)
- [245] Eddy, W.: Convex hull peeling. In: Proc. COMPSTAT'82. pp. 42–47. Physica-Verlag, Vienna (1982)
- [246] Edelsbrunner, H.: Algorithms in Combinatorial Geometry. Springer-Verlag, Heidelberg (1987)
- [247] Egghe, L.: Pratt's measure for some bibliometric distributions and its relation with the 80/20 rule. Journal of the American Society for Information Science 38(4), 288-297 (1987)
- [248] Egghe, L.: Mathematical theories of citation. Scientometrics 43(1), 57–62 (1998)
- [249] Egghe, L.: Relations between the continuous and the discrete Lotka power function. Journal of the American Society for Information Science and Technology 56(7), 664–668 (2005)
- [250] Egghe, L.: An improvement of the h-index: the g-index. ISSI Newsletter 2(1), 8–9 (2006)
- [251] Egghe, L.: Theory and practise of the g-index. Scientometrics 69(1), 131–152 (2006)
- [252] Egghe, L.: Item-time-dependent Lotkaian informetrics and applications to the calculation of the time-dependent h-index and g-index. Mathematical and Computer Modelling 45, 864–872 (2007)
- [253] Egghe, L.: Examples of simple transformations of the h-index: Qualitative and quantitative conclusions and consequences for other indices. Journal of Informetrics 2, 136–148 (2008)
- [254] Egghe, L.: The influence of merging on h-type indices. Journal of Informetrics 2(3), 252–262 (2008)
- [255] Egghe, L.: Modelling successive h-indices. Scientometrics 77(3), 377–387 (2008)
- [256] Egghe, L.: Mathematical study of h-index sequences. Information Processing and Management 45(2), 288-297 (2009)
- [257] Egghe, L.: Performance and its relation with productivity in Lotkaian systems. Scientometrics 81(2), 567–585 (2009)
- [258] Egghe, L.: Time-dependent Lotkaian informetrics incorporating growth of sources and items. Mathematical and Computer Modelling 49(1–2), 31–37 (2009)
- [259] Egghe, L.: The Hirsch index and related impact measures. Annual Review of Information Science and Technology 44, 65–114 (2010)
- [260] Egghe, L.: Influence of adding or deleting items and sources on the h-index. Journal of the American Society for Information Science and Technology 61(2), 370-373 (2010)
- [261] Egghe, L., Rousseau, R.: An informetric model for the Hirsch-index. Scientometrics 69(1), 121–129 (2006)
- [262] Ehrenfeucht, A., Haussler, D.: A new distance metric on strings computable in linear time. Discrete Applied Mathematics 20, 191–203 (1988)
- [263] Eto, H.: Scientometric definition of science: In what respect is the humanities more scientific than mathematical and social sciences? Scientometrics 76(1), 23–42 (2008)
- [264] Everitt, B., Hothorn, T.: A Handbook of Statistical Analyses Using R. Chapman & Hall (2006)
- [265] Eysenck, H., Eysenck, M.: Podpatrywanie umysłu. GWP, Gdańsk (2003)
- [266] Fan, K.: Entfernung zweier zufälligen Größen und die Konvergenz nach Wahrscheinlichkeit. Mathematische Zeitschrift 49, 681–683 (1943)
- [267] Fiala, D., Rousselot, F., Jezek, K.: PageRank for bibliographic networks. Scientometrics 76(1), 135–158 (2008)
- [268] Field, C., Ronchetti, E.: Small sample asymptotics. Institute of Mathematical Statistics, Hayward, CA (1990)
- [269] Filev, D., Yager, R.R.: On the issue of obtaining OWA operator weights. Fuzzy Sets and Systems 94, 157–169 (1998)

- [270] Fischer, K., Gärtner, B., Kutz, M.: Fast smallest-enclosing-ball computation in high dimensions. In: Proc. 11th European Symposium on Algorithms (ESA). pp. 630–641 (2003)
- [271] Fishburn, P.C.: Lexicographic orders, utilities and decision rules: A survey. Management Science 20(11), 1442–1471 (1974)
- [272] Fisher, N.: Statistical Analysis of Circular Data. Cambridge University Press (1993)
- [273] Fisher, R.: On the mathematical foundations of theoretical statistics. Philosophical Transactions of the Royal Society A 222, 309–368 (1922)
- [274] Fisher, R.: The correlation between relatives on the supposition of Mendelian inheritance. Philosophical Transactions of the Royal Society of Edinburgh 52, 399–433 (1918)
- [275] Fisher, R.A., Yates, F.: Statistical tables for biological, agricultural and medical research. Oliver & Boyd, London (1938)
- [276] Floyd, R., Rivest, R.: Expected time bounds for selection. Communications of the ACM 18(3), 165–172 (1975)
- [277] Fodor, J., de Baets, B.: Fuzzy preference modelling: Fundamentals and recent advances. In: Bustince, H., et al. (eds.) Fuzzy Sets and Their Extensions: Representation, Aggregation and Models. pp. 207–217. Springer-Verlag (2008)
- [278] Fodor, J., Roubens, M.: Fuzzy Preference Modelling and Multicriteria Decision Support. Springer (1994)
- [279] Fodor, J.C., Marichal, J.L.: On nonstrict means. Æquationes Mathematicæ 54(3), 308–327 (1997)
- [280] Fodor, J.: An extension of Fung-Fu's theorem. International Journal of Uncertainty, Fuzziness and Knowledge-based Systems 4(3), 235–243 (1996)
- [281] Foley, J., van Dam, A., Feiner, S., Hughes, J., Phillips, R.: Wprowadzenie do grafiki komputerowej. WNT, Warszawa (2001)
- [282] Franceschet, M.: A comparison of bibliometric indicators for computer science scholars and journals on Web of Science and Google Scholar. Scientometrics 83(1), 243–258 (2010)
- [283] Franceschini, F., Maisano, D.A.: The Hirsch index in manufacturing and quality engineering. Quality and Reliability Engineering International 25, 987–995 (2009)
- [284] Franceschini, F., Maisano, D.A.: Analysis of the Hirsch index's operational properties. European Journal of Operational Research 203(2), 494–504 (2010)
- [285] Franceschini, F., Maisano, D.A.: Structured evaluation of the scientific output of academic research groups by recent h-based indicators. Journal of Informetrics 5, 64–74 (2011)
- [286] Frank, A., Asuncion, A.: UCI machine learning repository (2013), archive.ics.uci.edu/ml
- [287] Frank, M.: On the simultaneous associativity of f(x,y) and x + y f(x,y). Æquationes Mathematicæ 121–144, 19 (1979)
- [288] Fraser, A.: Simulation of genetic systems by automatic digital computers. I. Introduction. Australian Journal of Biological Sciences 10, 484–491 (1957)
- [289] Fraser, A., Burnell, D.: Computer Models in Genetics. McGraw-Hill, New York (1970)
- [290] Friedl, J.: Wyrażenia regularne. Helion, Gliwice (2001)
- [291] Gagolewski, M.: A remark on limit properties of generalized h- and g- indices. Journal of Informetrics 3(4), 367–368 (2009)
- [292] Gagolewski, M.: Aggregation operators and their application in a formal model for quality evaluation system of scientific research (Wybrane operatory agregacji i ich zastosowanie w modelu formalnym systemu jakości w nauce). Ph.D. thesis, Systems Research Institute, Polish Academy of Sciences (2011), (In Polish)
- [293] Gagolewski, M.: Bibliometric impact assessment with R and the CITAN package. Journal of Informetrics 5(4), 678–692 (2011)

- [294] Gagolewski, M.: On the relation between effort-dominating and symmetric minitive aggregation operators. In: Greco, S., et al. (eds.) Advances in Computational Intelligence, Part III, vol. 299, pp. 276–285. Springer (2012)
- [295] Gagolewski, M.: On the relationship between symmetric maxitive, minitive, and modular aggregation operators. Information Sciences 221, 170–180 (2013)
- [296] Gagolewski, M.: Scientific impact assessment cannot be fair. Journal of Informetrics 7(4), 792–802 (2013)
- [297] Gagolewski, M.: Statistical hypothesis test for the difference between Hirsch indices of two Paretodistributed random samples. In: Kruse, R., et al. (eds.) Synergies of Soft Computing and Statistics for Intelligent Data Analysis, vol. 190, pp. 359–367. Springer (2013)
- [298] Gagolewski, M.: CITAN: CITation ANalysis toolpack (2014), http://CRAN.R-project.org/package=CITAN
- [299] Gagolewski, M.: Programowanie w języku R. Analiza danych, obliczenia, symulacje. Wydawnictwo Naukowe PWN, Warszawa (2014)
- [300] Gagolewski, M.: Normalized wd_pwam and wd_powa spread measures. In: Alonso, J., Bustince, H., Reformat, M. (eds.) Proc. IFSA/Eusflat 2015. pp. 210–216. Atlantic Press (2015)
- [301] Gagolewski, M.: Some issues in aggregation of multidimensional data. In: Baczynski, M., De Baets, B., Mesiar, R. (eds.) Proc. 8th International Summer School on Aggregation Operators (AGOP 2015). pp. 127–132. University of Silesia, Katowice, Poland (2015)
- [302] Gagolewski, M.: Spread measures and their relation to aggregation functions. European Journal of Operational Research 241(2), 469–477 (2015)
- [303] Gagolewski, M.: Sugeno integral-based confidence intervals for the theoretical h-index. In: Grzegorzewski, P., et al. (eds.) Strengthening Links Between Data Analysis and Soft Computing, vol. 315, pp. 233–240. Springer (2015)
- [304] Gagolewski, M., Caha, J.: FuzzyNumbers: Tools to deal with fuzzy numbers in R (2015), http://FuzzyNumbers.rexamine.com, doi:10.5281/zenodo.15677
- [305] Gagolewski, M., Cena, A.: agop: Aggregation operators and preordered sets in R (2014), http://agop.rexamine.com
- [306] Gagolewski, M., Dębski, M., Nowakiewicz, M.: Efficient algorithm for computing certain graph-based monotone integrals: The l_p -indices. In: Mesiar, R., Bacigal, T. (eds.) Proc. Uncertainty Modeling. pp. 17–23 (2013)
- [307] Gagolewski, M., Grzegorzewski, P.: A geometric approach to the construction of scientific impact indices. Scientometrics 81(3), 617–634 (2009)
- [308] Gagolewski, M., Grzegorzewski, P.: Possible and necessary h-indices. In: Carvalho, J.P., et al. (eds.) Proc. IFSA/Eusflat 2009. pp. 1691–1695 (2009)
- [309] Gagolewski, M., Grzegorzewski, P.: Arity-monotonic extended aggregation operators. In: Hüllermeier, E., et al. (eds.) Information Processing and Management of Uncertainty in Knowledge-Based Systems, vol. 80, pp. 693–702. Springer (2010)
- [310] Gagolewski, M., Grzegorzewski, P.: Metody i problemy naukometrii. In: Rowiński, T., Tadeusiewicz, R. (eds.) Psychologia i informatyka. Synergia i kontradykcje, pp. 103–125. Wyd. UKSW, Warszawa (2010)
- [311] Gagolewski, M., Grzegorzewski, P.: S-statistics and their basic properties. In: Borgelt, C., et al. (eds.) Combining Soft Computing and Statistical Methods in Data Analysis, pp. 281–288. Springer (2010)
- [312] Gagolewski, M., Grzegorzewski, P.: Axiomatic characterizations of (quasi-) L-statistics and S-statistics and the Producer Assessment Problem. In: Galichet, S., et al. (eds.) Proc. Eusflat/LFA 2011. pp. 53–58 (2011)
- [313] Gagolewski, M., Grzegorzewski, P.: Possibilistic analysis of arity-monotonic aggregation operators and its relation to bibliometric impact assessment of individuals. International Journal of Approximate Reasoning 52(9), 1312–1324 (2011)

- [314] Gagolewski, M., Lasek, J.: Learning experts' preferences from informetric data. In: Alonso, J., Bustince, H., Reformat, M. (eds.) Proc. IFSA/Eusflat 2015. pp. 484–491. Atlantic Press (2015)
- [315] Gagolewski, M., Lasek, J.: The use of fuzzy relations in the assessment of information resources producers' performance. In: Proc. 7th IEEE International Conference Intelligent Systems IS'2014, Vol. 2: Tools, Architectures, Systems, Applications. vol. 323, pp. 289–300. Springer (2015)
- [316] Gagolewski, M., Mesiar, R.: Aggregating different paper quality measures with a generalized h-index. Journal of Informetrics 6(4), 566-579 (2012)
- [317] Gagolewski, M., Mesiar, R.: Monotone measures and universal integrals in a uniform framework for the scientific impact assessment problem. Information Sciences 263, 166–174 (2014)
- [318] Gagolewski, M., Tartanus, B.: R package stringi: Character string processing facilities (2015), http://stringi.rexamine.com/, doi:10.5281/zenodo.12594
- [319] Garcia-Perez, M.: A multidimensional extension to Hirsch's h-index. Scientometrics 81(3), 779–785 (2009)
- [320] Garfield, E.: Citation indexes for science. Science 122(3159), 108–111 (1955)
- [321] Garfield, E.: Can citation indexing be automated? In: Stevens, M.E., Giuliano, V.E., Heilprin, L.B. (eds.) Proc. Statistical Association Methods for Mechanized Documentation. pp. 189–192. Washington (1964)
- [322] Garfield, E.: Random thoughts on citationology. Its theory and practice. Scientometrics 43(1), 69–76 (1998)
- [323] Garfield, E.: The history and meaning of the Journal Impact Factor. Journal of American Medical Association 295(1), 90–93 (2006)
- [324] Garfield, E., Pudovkin, A.I., Istomin, V.S.: Why do we need algorithmic historiography? Journal of the American Society for Information Science and Technology 54(5), 400–412 (2003)
- [325] Gärtner, B.: Fast and robust smallest enclosing balls. Lecture Notes in Computer Science 1643, 325–338 (1999)
- [326] Gärtner, B., Schönherr, S.: An efficient, exact, and generic quadratic programming solver for geometric optimization. In: Proc. 16th ACM Symposium on Computational Geometry. pp. 110–118 (2000)
- [327] Gentle, J.: Random Number Generation and Monte Carlo Methods. Springer-Verlag (2003)
- [328] Gentle, J.: Matrix Algebra. Springer-Verlag (2007)
- [329] Gentle, J.: Computational Statistics. Springer-Verlag (2009)
- [330] Gentleman, R.C., Carey, V.J., Bates, D.M., et al.: Bioconductor: Open software development for computational biology and bioinformatics. Genome Biology 5, R80 (2004)
- [331] Ghiselli Ricci, R.: Finitely and absolutely non idempotent aggregation operators. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems 12(2), 201–217 (2004)
- [332] Ghiselli Ricci, R.: Asymptotically idempotent aggregation operators. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems 17(5), 611–631 (2009)
- [333] Ghiselli Ricci, R., Mesiar, R.: Multi-attribute aggregation operators. Fuzzy Sets and Systems 181(1), 1–13 (2011)
- [334] Glänzel, W.: On the h-index A mathematical approach to a new measure of publication activity and citation impact. Scientometrics 67(2), 315-321 (2006)
- [335] Glänzel, W.: On the opportunities and limitations of the H-index. Science Focus 1(1), 10-11 (2006)
- [336] Glänzel, W.: Some new applications of the h-index. ISSI Newsletter 3(2), 28–31 (2007)
- [337] Glänzel, W.: H-index concatenation. Scientometrics 77(2), 369–372 (2008)
- [338] Glänzel, W.: On some new bibliometric applications of statistics related to the h-index. Scientometrics 77(1), 187-196 (2008)
- [339] Glänzel, W.: Seven myths in bibliometrics. About facts and fiction in quantitative science studies. COLL-NET Journal of Scientometrics and Information Management 2(1), 9–17 (2008)

- [340] Glänzel, W., Persson, O.: H-index for price medalists. ISSI Newsletter 1(4), 15–18 (2005)
- [341] Godo, L., Torra, V.: On aggregation operators for ordinal qualitative information. IEEE Transactions on Fuzzy Systems 8(2), 143–154 (2000)
- [342] Goldberg, D.: What every computer scientist should know about floating-point arithmetic. ACM Computing Surveys 21(1), 5–48 (1991)
- [343] Goldfarb, D., Idnani, A.: A numerically stable dual method for solving strictly convex quadratic programs. Mathematical Programming 27, 1–33 (1983)
- [344] Gonzalez-Pereira, B., Guerrero-Bote, V.P., de Moya-Anegon, F.: A new approach to the metric of journals' scientific prestige: The SJR indicator. Journal of Informetrics 4(3), 379–391 (2010)
- [345] Grabisch, M.: k-order additive discrete fuzzy measures and their representation. Fuzzy Sets and Systems 92(167–189) (1997)
- [346] Grabisch, M.: A graphical interpretation of the Choquet integral. IEEE Transactions on Fuzzy Systems 8(5), 627–631 (2000)
- [347] Grabisch, M.: The symmetric Sugeno integral. Fuzzy Sets and Systems 139, 473–490 (2003)
- [348] Grabisch, M.: How to score alternatives when criteria are scored on an ordinal scale. Journal of Multi-Criteria Decision Analysis 15, 31–44 (2008)
- [349] Grabisch, M., Marichal, J.L., Mesiar, R., Pap, E.: Aggregation functions. Cambridge University Press (2009)
- [350] Grabisch, M., Marichal, J.L., Mesiar, R., Pap, E.: Aggregation functions: Construction methods, conjunctive, disjunctive and mixed classes. Information Sciences 181, 23–43 (2011)
- [351] Grabisch, M., Marichal, J.L., Mesiar, R., Pap, E.: Aggregation functions: Means. Information Sciences 181, 1–22 (2011)
- [352] Graham, R.L.: An efficient algorithm for determining the convex hull of a finite planar set. Information Processing Letters 1, 132–133 (1972)
- [353] Gramm, J., Niedermeier, R., Rossmanith, P.: Fixed-parameter algorithms for closest string and related problems. Algorithmica 37, 25–42 (2003)
- [354] Greco, S., Mesiar, R., Rindone, F.: Two new characterizations of universal integrals on the scale [0,1]. Information Sciences (2014), doi:10.1016/j.ins.2013.12.056
- [355] Green, P.: Peeling bivariate data. In: Barnett, V. (ed.) Interpreting multivariate data. Wiley, New York (1981)
- [356] Groes, E., Jacobsen, H.J., Sloth, B., Tranæs, T.: Axiomatic characterizations of the Choquet integral. Economic Theory 12, 441–448 (1998)
- [357] Gross, P.L.K., Gross, E.M.: College libraries and chemical education. Science 66(1713), 385–389 (1927)
- [358] Grübel, R.: Orthogonalization of multivariate location estimators: The orthomedian. The Annals of Statistics 24(4), 1457–1473 (1996)
- [359] Grzegorzewski, P.: Metrics and orders in space of fuzzy numbers. Fuzzy Sets and Systems 97, 83–94 (1998)
- [360] Grzegorzewski, P.: Algorithms for trapezoidal approximations of fuzzy numbers preserving the expected interval. In: et al, B.M.B. (ed.) Foundations of Reasoning Under Uncertainty. pp. 85–98. Springer (2010)
- [361] Grzegorzewski, P., Pasternak-Winiarska, K.: Trapezoidal approximations of fuzzy numbers with restrictions on the support and core. In: Proc. EUSFLAT/LFA 2011. pp. 749–756. Atlantic Press (2011)
- [362] Grzegorzewski, P.: Wspomaganie decyzji w warunkach niepewności. Metody statystyczne dla nieprecyzyjnych danych. Exit, Warszawa (2006)
- [363] Grzegorzewski, P., Gagolewski, M., Bobecka-Wesołowska, K.: Wnioskowanie statystyczne z wykorzystaniem środowiska R. Biuro ds. Projektu "Program Rozwojowy Politechniki Warszawskiej", Warszawa (2014)

- [364] Grzegorzewski, P., Gagolewski, M., Hryniewicz, O., Gil, M.A.: Strengthening Links Between Data Analysis and Soft Computing, vol. 315. Springer (2015)
- [365] Grzegorzewski, P., Mrówka, E.: Some notes on (Atanassov's) intuitionistic fuzzy sets. Fuzzy Sets and Systems 156, 492–495 (2005)
- [366] Guan, J.C., Gao, X.: Exploring the h-index at patent level. Journal of the American Society for Information Science and Technology 60(1), 35–40 (2009)
- [367] Güngör, Z., Ünler, A.: K-harmonic means data clustering with simulated annealing heuristic. Applied Mathematics and Computation 184, 199–209 (2007)
- [368] Guns, R., Rousseau, R.: Real and rational variants of the h-index and the g-index. Journal of Informetrics 3(1), 64-71 (2009)
- [369] Guns, R., Rousseau, R.: Simulating growth of the h-index. Journal of the American Society for Information Science and Technology 60(2), 410–417 (2009)
- [370] Gupta, B.M., Sharma, L., Karisiddappa, C.R.: Modelling the growth of papers in a scientific speciality. Scientometrics 33(2), 187–201 (1995)
- [371] Halmos, P.: Measure Theory. Van Nostrand, New York (1950)
- [372] Hamming, R.W.: Error detecting and error correcting codes. Bell System Technical Journal 29(2), 147–160 (1950)
- [373] Hansen, N.: The CMA evolution strategy: A comparing review. In: Lozano, J., Larranga, P., Inza, I., Bengoetxea, E. (eds.) Towards a new evolutionary computation. Advances in estimation of distribution algorithms. pp. 75–102. Springer (2006)
- [374] Harel, D.: Rzecz o istocie informatyki. WNT, Warszawa (2001)
- [375] Harzing, A.W.K., van der Wal, R.: Google *Scholar* as a new source for citation analysis? Ethics in Science and Environmental Politics 8(1), 62–71 (2008)
- [376] Harzing, A.W., von der Wall, R.: A Google Scholar h-index for journals: An alternative metric to measure journal impact in economics and business. Journal of the American Society for Information Science and Technology 60(1), 41–46 (2009)
- [377] Hastie, T., Tibshirani, R., Friedman, J.: The Elements of Statistical Learning: Data Mining, Inference, and Prediction. Springer-Verlag (2009)
- [378] Hastie, T., Tibshirani, R., Friedman, J.: The Elements of Statistical Learning. Springer (2013)
- [379] He, X., Shi, P.: Monotone b-spline smoothing. Journal of the American Statistical Association 93(442) (1998)
- [380] Heller, M.: Jak być uczonym. Znak, Kraków (2009)
- [381] Helmers, R., Ruymgaart, F.H.: Asymptotic normality of generalized L-statistics with unbounded scores. Journal of Statistical Planning and Inference 19, 43–53 (1988)
- [382] Herrera, F., Herrera-Viedma, E., Verdegay, J.: Direct approach processes in group decision making using linguistic OWA operators. Fuzzy Sets and Systems 79(2), 175–190 (1996)
- [383] Herrera, F., Herrera-Viedma, E., Verdegay, J.: A rational consensus model in group decision making using linguistic assessments. Fuzzy Sets and Systems 88(1), 31–49 (1997)
- [384] Hettmansperger, T.P., Randles, R.H.: A practical affine equivariant multivariate median. Biometrika 89(4), 851–860 (2002)
- [385] Higham, N.: Accuracy and Stability of Numerical Algorithms. SIAM, Philadelphia (2002)
- [386] Hirota, K.: Concepts of probabilistic sets. Fuzzy Sets and Systems 5, 31-46 (1981)
- [387] Hirsch, J.E.: An index to quantify individual's scientific research output. Proceedings of the National Academy of Sciences 102(46), 16569–16572 (2005)
- [388] Hirsch, J.E.: Does the h-index have predictive power? Proceedings of the National Academy of Sciences 104(49), 19193-19198 (2007)

- [389] Hoare, C.: Algorithm 65: Find. Communications of the ACM 4(7), 321–322 (1961)
- [390] Hoeffding, W.: Probability inequalities for sums of bounded random variables. Journal of the American Statistical Association 58(301), 13–30 (1963)
- [391] Hopcroft, J., Ullman, J.: Wprowadzenie do teorii automatów, języków i obliczeń. PWN, Warszawa (2003)
- [392] Hornik, K., Murdoch, D.: Watch your spelling! The R Journal 3(2), 22–28 (2011)
- [393] Hornowska, E.: Testy psychologiczne. Teoria i praktyka. Scholar, Warszawa (2007)
- [394] Hou, H., Kretschmer, H., Liu, Z.: The structure of scientific collaboration networks in *Scientometrics*. Scientometrics 75(2), 189–202 (2008)
- [395] Hovden, R.: Bibliometrics for internet media: Applying the h-index to YouTube. Journal of the American Society for Information Science and Technology 64(11), 2326–2331 (2013)
- [396] Huang, Y.S., Chang, W.C., Lin, Z.L.: Aggregation of utility-based individual preferences for group decision-making. European Journal of Operational Research 229, 462–469 (2013)
- [397] Huang, Y.S., Liao, J.T., Lin, Z.L.: A study on aggregation of group decisions. Systems Research and Behavioral Science 26(4), 445–454 (2009)
- [398] Huber, J.C.: A new method for analyzing scientific productivity. Journal of the American Society for Information Science and Technology 52(13), 1089–1099 (2001)
- [399] Huber, J.C.: A new model that generates Lotka's law. Journal of the American Society for Information Science and Technology 53(3), 209–219 (2002)
- [400] Huber, P.J.: The 1972 wald lecture robust statistics: A review. Annals of Mathematical Statistics 42(4), 1041–1067 (1972)
- [401] Huber, P.J.: Projection pursuit. The Annals of Statistics 13(2), 435–475 (1985)
- [402] Hufsky, F., Kuchenbecker, L., Jahn, K., Stoye, J., Böcker, S.: Swiftly computing center strings. BMC Bioinformatics 12, 106 (2011)
- [403] Hwang, Y.A.: An axiomatization of the Hirsch-index without adopting monotonicity. Applied Mathematics and Information Sciences 7(4), 1317–1322 (2013)
- [404] Hyndman, R.J., Fan, Y.: Sample quantiles in statistical packages. The American Statistician 50(4), 361–365 (1996)
- [405] Ivancheva, L.: Scientometrics today: A methodological overview. In: Kretschmer, H., Havemann, F. (eds.) Proc. WIS 2008, 4th Intl. Conf. Webometrics, Informetrics and Scientometrics & 9th COLLNET Meeting. Berlin (2008)
- [406] Jacso, P.: The plausability of computing the h-index of scholarly productivity and impact using reference-enhanced databases. Online Information Review 32(2), 266–283 (2008)
- [407] Jakubowski, J., Sztencel, R.: Wstęp do teorii pradopodobieństwa. Script, Warszawa (2010)
- [408] James, D.A.: RSQLite: SQLite interface for R (2010), http://CRAN.R-project.org/package=RSQLite, R package version 0.9-4
- [409] Jamison, B., Orey, S., Pruitt, W.: Convergence of weighted averages of independent random variables. Zeitschrift für Wahrscheinlichkeitstheorie und Verwandte Gebiete 4(1), 40–44 (1965)
- [410] Jammalamadaka, S.R., SenGupta, A.: Topics in Circular Statistics. World Scientific Press, Singapore (2001)
- [411] Janssens, F., Zhang, L., Glänzel, W.: Hybrid clustering for validation and improvement of subject-classification schemes. Information Processing and Management 45(6), 638–702 (2009)
- [412] Jaworski, P., Durante, F., Härdle, W., Rychlik, T.: Copula Theory and Its Applications. Springer-Verlag (2010)
- [413] JC, J.C.W.: Trends in computational biology: A summary based on a RECOMB plenary lecture. Journal of Computational Biology 6, 459–474 (1999)

- [414] Jenei, S., De Baets, B.: On the direct decomposability of t-norms on product lattices. Fuzzy Sets and Systems 139(3), 699–707 (2003)
- [415] Jensen, P., Rouquier, J.B., Croissant, Y.: Testing bibliometric indicators by their prediction of scientific promotions. Scientometrics 78(3), 467–479 (2009)
- [416] Jiang, H., Yi, S., Li, J., Yang, F., Hu, X.: Ant clustering algorithm with K-harmonic means clustering. Expert Systems with Applications 37, 8679–8684 (2010)
- [417] Jiang, X., Wentker, J., Ferrer, M.: Generalized median string computation by means of string embedding in vector spaces. Pattern Recognition Letters 33, 842–852 (2012)
- [418] Jin, B., Liang, L., Rousseau, R., Egghe, L.: The R- and AR-indices: Complementing the h-index. Chinese Science Bulletin 52(6), 855–863 (2007)
- [419] Johnson, R.: Modern Geometry: An Elementary Treatise on the Geometry of the Triangle and the Circle. Houghton Mifflin, Boston, MA (1929)
- [420] Jones, O., Maillardet, R., Robinson, A.: Introduction to Scientific Programming and Simulation Using R. Chapman & Hall/CRC (2009)
- [421] Juan, A., Vidal, E.: Fast median search in metric spaces. Lecture Notes in Computer Science 1451, 905–912 (1998)
- [422] Karaçal, F., Mesiar, R.: Uninorms on bounded lattices. Fuzzy Sets and Systems 261, 33–43 (2015)
- [423] Kate, S., Bhapkar, H.: Basic of Mathematics. Technical Publication Pune (2010)
- [424] Katsaros, D., Akritidis, L., Bozanis, P.: Spam: it's not just for inboxes and search engines! Making Hirsch h-index robust to scientospam. arXiv:0801.0386v1 [cs.DL] (2008)
- [425] Kelly, C.D., Jennions, M.D.: The h index and career assessment by numbers. TRENDS in Ecology and Evolution 21(4), 167-170 (2006)
- [426] Kerns, G.: Introduction to Probability and Statistics Using R (2011), www.ipsur.org
- [427] Kierzek, R.: Polska nauka w indeksie Hirscha. Biuletyn MNiSW 137(6-7), 29-35 (2008)
- [428] Kierzek, R.: Jak porównać "apples and oranges", czyli o ró?nych metodach analizy publikowalno?ci i dorobku naukowego. Biuletyn MNiSW 143(2), 33–41 (2009)
- [429] Kimberling, C.: Central points and central lines in the plane of a triangle. Mathematics Magazine 67(3), 163–187 (1994)
- [430] Kimberling, C.: Triangle centers and central triangles. Congressus Numerantium 129, 1–295 (1998)
- [431] Kitagawa, T.: On some class of weighted means. Proceedings of the Physico-Mathematical Society of Japan 16 (1934)
- [432] Klement, E., Mesiar, R., Pap, E.: A universal integral as common frame for Choquet and Sugeno integral. IEEE Transactions on Fuzzy Systems 18, 178–187 (2010)
- [433] Klement, E.P., Manzi, M., Mesiar, R.: Ultramodular aggregation functions. Information Sciences 181, 4101–4111 (2011)
- [434] Klement, E.P., Mesiar, R., Pap, E.: Triangular norms. Kluwer Academic Publishers (2000)
- [435] Klement, E.P., Mesiar, R., Pap, E.: Triangular norms. Position paper I: Basic analytical and algebraic properties. Fuzzy Sets and Systems 143, 5–26 (2004)
- [436] Klement, E.P., Mesiar, R., Pap, E.: Triangular norms. Position paper II: General constructions and parametrized families. Fuzzy Sets and Systems 145, 411–438 (2004)
- [437] Klement, E.P., Mesiar, R., Pap, E.: Triangular norms. Position paper III: Continuous t-norms. Fuzzy Sets and Systems 145, 439–454 (2004)
- [438] Klir, G.J., Yuan, B.: Fuzzy sets and fuzzy logic. Theory and applications. Prentice Hall PTR, New Jersey (1995)
- [439] Knuth, D.: Literate Programming. CSLI (1992)

- [440] Knuth, D.: Sztuka programowania. Tom I. Algorytmy podstawowe. WNT, Warszawa (2002)
- [441] Knuth, D.: Sztuka programowania. Tom II. Algorytmy seminumeryczne. WNT, Warszawa (2002)
- [442] Knuth, D.: Sztuka programowania. Tom III. Sortowanie i wyszukiwanie. WNT, Warszawa (2002)
- [443] Knuth, D.: TeX. Podręcznik użytkownika. WNT, Warszawa (2005)
- [444] Knuth, D.E.: The Art of Computer Programming. Volume 2. Seminumerical Algorithms. Addison Wesley, Reading, MA (1998)
- [445] Kohonen, T., Somervuo, P.J.: Self-organizing maps of symbol strings. Neurocomputing 21, 19–30 (1998)
- [446] Kojadinovic, I.: Unsupervised aggregation by the choquet integral based on entropy functionals: Application to the evaluation of students. Lecture Notes in Computer Science 3131, 163–174 (2004)
- [447] Kojadinovic, I.: Unsupervised aggregation of commensurate correlated attributes by means of the choquet integral and entropy functionals. International Journal of Intelligent Systems 23(2), 128–154 (2008)
- [448] Kołacz, A., Grzegorzewski, P.: Measures of dispersion for multidimensional data (2015), submitted paper
- [449] Kolesárová, A., Mesiar, R., Montero, J.: Sequential aggregation of bags. Information Sciences 294, 305–314 (2015)
- [450] Kolmogorov, A.: Sur la notion de la moyenne. Atti della R. Academia nazionale dei Lincei 12, 388–391 (1930)
- [451] Komorníková, M., Mesiar, R.: Aggregation functions on bounded partially ordered sets and their classification. Fuzzy Sets and Systems 175, 48–56 (2011)
- [452] Konohen, T.: Median strings. Pattern Recognition Letters 3, 309–313 (1985)
- [453] Koppel, M., Schler, J., Argamon, S.: Computational methods in authorship attribution. Journal of the American Society for Information Science and Technology 60(1), 9–26 (2009)
- [454] Koronacki, J., Ćwik, J.: Statystyczne systemy uczące się. WNT, Warszawa (2005)
- [455] Koronacki, J., Mielniczuk, J.: Statystyka. WNT, Warszawa (2001)
- [456] Koshevoy, G., Mosler, K.: Zonoid trimming for multivariate distributions. The Annals of Statistics 25(5) (1997)
- [457] Kosmulski, M.: A new Hirsch-type index saves time and works equally well as the original h-index. ISSI Newsletter 2(3), 4–6 (2006)
- [458] Kosmulski, M.: MAXPROD A new index for assessment of the scientific output of an individual, and a comparison with the h-index. Cybermetrics 11(1), (2007)
- [459] Kostal, L., Lansky, P., Pokora, O.: Measures of statistical dispersion based on Shannon and Fisher information concepts. Information Sciences 235, 214–223 (2013)
- [460] Kostoff, R.N.: The use and misuse of citation analysis in research evaluation. Scientometrics 43(1), 27–43 (1998)
- [461] Krarup, J., Vajda, S.: On Torricelli's geometrical solution to a problem of Fermat. IMA Journal of Management Mathematics 8, 215–223 (1997)
- [462] Krause, A., Olson, M.: The Basics of S-PLUS. Springer-Verlag (2005)
- [463] Kruskal, J.B.: An overview of sequence comparison: Time warps, string edits, and macromolecules. SIAM Review 25(2), 201–237 (1983)
- [464] Kuhn, T.S.: Struktura rewolucji naukowych. Aletheia, Warszawa (2001)
- [465] Kuhn, T.S.: Przewrót kopernikański. Astronomia planetarna w dziejach myśli Zachodu. Prószyński i ska, Warszawa (2006)
- [466] Kuś, M., Mankiewicz, L., Życzkowski, K.: Porównywanie indeksów Hirscha uczonych i instytucji naukowych. Biuletyn MNiSW 144(3), 30–33 (2009)

- [467] Lanctot, J.K., Li, M., Ma, B., Wang, S., Zhang, L.: Distinguishing string selection problems. Information and Computation 185, 41–55 (2003)
- [468] Lang, R.: A note on the measurability of convex sets. Arch. Math 47, 90–92 (1986)
- [469] Lange, K.: Numerical Analysis for Statisticians. Springer-Verlag (2010)
- [470] Langerman, S., Steiger, W.: Computing a maximal depth point in the plane. In: Proc. Japan Conf. Discrete and Computational Geometry. pp. 46–47 (2000)
- [471] Langerman, S., Steiger, W.: Computing a high depth point in the plane. In: Developments in Robust Statistics. pp. 228–234 (2003)
- [472] Lasek, J., Gagolewski, M.: Predictive efficacy of a new association football league format in Polish Ekstraklasa. In: Proc. Machine Learning and Data Mining for Sports Analytics'15 (2015), in press
- [473] Lasek, J., Gagolewski, M.: The winning solution to the AAIA'15 Data Mining Competition: Tagging firefighter activities at a fire scene. In: Proc. FedCSIS 2015 (2015), in press
- [474] Lasek, J., Szlavik, Z., Gagolewski, M., Bhulai, S.: How to improve a team's position in the FIFA ranking A simulation study (2015), submitted paper
- [475] Lavine, M.: Introduction to Statistical Thought (2010), www.math.umass.edu/~lavine/Book/book.html
- [476] Lawrence, M., Temple Lang, D.: RGtk2: A graphical user interface toolkit for R. Journal of Statistical Software 37(8), 1–52 (2010)
- [477] Lázaro, J., Calvo, T.: XAO operators The interval universe. In: Proc. Eusflat/LFA 2005. pp. 189–197 (2005)
- [478] Le Gall, F.: Powers of tensors and fast matrix multiplication. In: Proc. 39th Intl. Symp. Symbolic and Algebraic Computation (ISSAC'14). pp. 296–303. ACM, New York (2014)
- [479] Lee, E.: A simplified B-spline computation routine. Computing 29(4), 365–371 (1982)
- [480] Lehmann, S., Jackson, A.D., Lautrup, B.E.: Measures for measures. Nature 444, 1003–1004 (2006)
- [481] Lehmann, S., Jackson, A.D., Lautrup, B.E.: A quantitative analysis of indicators of scientific performance. Scientometrics 76(2), 369–390 (2008)
- [482] Lehtonen, E., Marichal, J.L., Teheux, B.: Associative string functions. Asian-European Journal of Mathematics 7, 1450059 (2014)
- [483] Lenstra Jr., H.: Integer programming with a fixed number of variables. Mathematics of Operations Research 8(4), 538–548 (1983)
- [484] Lessmann, M., Würtz, R.P.: Fast nearest neighbor search in pseudosemimetric spaces. In: Proc. VIS-APP'12. pp. 667–674 (2012)
- [485] Levenshtein, V.I.: Binary codes capable of correcting deletions, insertions, or reversals. Soviet Physics Doklady 10(8), 707–710 (1966)
- [486] Ley, C., Sabbah, C., Verdebout, T.: A new concept of quantiles for directional data and the angular Mahalanobis depth. Electronic Journal of Statistics 8(1), 795–816 (2014)
- [487] Leydesdorff, L.: Various methods for the mapping of science. Scientometrics 11(5–6), 295–324 (1987)
- [488] Leydesdorff, L.: Theories of citation? Scientometrics 43(1), 5–25 (1998)
- [489] Leydesdorff, L.: The non-linear dynamics of meaning-processing in social systems. Social Science Information 48(1), 5–33 (2009)
- [490] Leydesdorff, L., Opthof, T.: Scopus' source normalized impact per paper (snip) versus the journal impact factor based on fractional counting of citations. Journal of the American Society for Information Science and Technology 61(11), 2365–2396 (2010)
- [491] Li, J., Liu, R.Y.: New nonparametric tests of multivariate locations and scales using data depth. Statistical Science 19(4), 686–696 (2004)

- [492] Li, M., Ma, B., Wang, L.: On the closest string and substring problems. Journal of the ACM 49(2), 157–171 (2002)
- [493] Li, W.: Random texts exhibit Zipf's-law-like word frequency distribution. IEEE Transactions on Information Theory 38(6), 1842–1845 (1992)
- [494] Lipschitz, R.O.S.: De explicatione per series trigonometricas instituenda functionum unius variabilis arbitrariarum, et praecipue earum, quae per variabilis spatium finitum valorum maximourm et minimorum numerum habent infinitum, disquisitio. Journal für die reine und angewandte Mathematik 63(2), 296–308 (1864)
- [495] Lisee, C., Lariviere, V., Archambault, E.: Conference proceedings as a source of scientific information: A bibliometric analysis. Journal of the American Society for Information Science and Technology 59(11), 1776–1784 (2008)
- [496] Liu, R.Y.: On a notion of data depth based on random simplices. Annals of Statistics 18, 405–414 (1990)
- [497] Liu, R.Y., Parelius, J.M., Singh, K.: Multivariate analysis by data depth: Descriptive statistics, graphics and inference. The Annals of Statistics 27(3), 783–858 (1999)
- [498] Liu, R.Y., Singh, K.: Ordering directional data: Concepts of data depth on circles and spheres. The Annals of Statistics 20(3), 1468–1484 (1992)
- [499] Liu, Y., Rousseau, R.: Hirsch-type indices and library management: The case of Tongji University Library. In: Torres-Salinas, D., Moed, H.F. (eds.) Proc. ISSI 2007. pp. 514–522. CINDOC-CSIC, Madrid (2007)
- [500] Liu, Y., Rousseau, R.: Definitions of time series in citation analysis with special attention to the h-index. Journal of Informetrics 2(3), 202–210 (2008)
- [501] Lizasoain, I.: Quasi-OWA operators on complete lattices. In: Bustince, H., Fernandez, J., Mesiar, R., Calvo, T. (eds.) Aggregation Functions in Theory and in Practise (AISC 228). pp. 521–532. Springer-Verlag (2013)
- [502] Lizasoain, I., Moreno, C.: OWA operators defined on complete lattices. Fuzzy Sets and Systems 224, 36–52 (2013)
- [503] Lopuhaä, H.P., Rousseeuw, P.J.: Breakdown points of affine equivariant estimators of multivariate location and covariance matrics. The Annals of Statistics 19(1), 229–248 (1991)
- [504] Lovisolo, L., da Silva, E.A.B.: Uniform distribution of points on a hyper-sphere with applications to vector bit-plane encoding. IEE Proceedings on Vision, Image and Signal Processing 148(3), 187–193 (2001)
- [505] Lowrance, R., Wagner, R.A.: An extension of the string-to-string correction problem. Journal of the ACM 22(2), 177–183 (1975)
- [506] Luceno, A.: Fitting the Generalized Pareto Distribution to data using maximum goodness-of-fit estimators. Computational Statistics and Data Analysis 1(2), 904–917 (2006)
- [507] Ma, N., Guan, J., Zhao, Y.: Bringing PageRank to the citation analysis. Information Processing & Management 44, 800–810 (2008)
- [508] MacQueen, J.B.: Some methods for classification and analysis of multivariate observations. In: Proc. Fifth Berkeley Symp. on Math. Statist. and Prob. vol. 1, pp. 281–297. University of California Press, Berkeley (1967)
- [509] MacRoberts, M.H., MacRobierts, B.R.: Problems of citation analysis: A study of uncited and seldom-cited influences. Journal of the American Society for Information Science and Technology 61(1), 1–13 (2010)
- [510] Magiera, R.: Modele i metody statystyki matematycznej. Część I. Rozkłady i symulacja stochastyczna. GiS, Wrocław (2007)
- [511] Magiera, R.: Modele i metody statystyki matematycznej. Część II. Wnioskowanie statystyczne. GiS, Wrocław (2007)
- [512] Mahalanobis, P.: On the generalized distance in statistics. Proceedings of the National Institute of Sciences of India 12, 49–55 (1936)

- [513] Makino, J.: Productivity of research groups Relation between citation analysis and reputation within research communities. Scientometrics 43(1), 87–93 (1998)
- [514] Mallig, N.: A relational database for bibliometric analysis. Journal of Informetrics 4(4), 564–580 (2010)
- [515] Marchant, T.: An axiomatic characterization of the ranking based on the h-index and some other bibliometric rankings of authors. Scientometrics 80(2), 325–342 (2009)
- [516] Marchant, T.: Score-based bibliometric rankings of authors. Journal of the American Society for Information Science and Technology 60(6), 1132–1137 (2009)
- [517] Mardia, K.: Statistics of directional data. Journal of the Royal Statistical Society. Series B (Methodological) 37(3), 349–393 (1975)
- [518] Mardia, K., Jupp, E.: Directional Statistics. Wiley (1999)
- [519] Marichal, J.L.: On an axiomatization of the quasi-arithmetic mean values without the symmetry axiom. Æquationes Mathematicæ 59(1–2), 74–83 (2000)
- [520] Marichal, J.L.: On Sugeno integral as an aggregation function. Fuzzy Sets and Systems 114, 347–365 (2000)
- [521] Marichal, J.L.: On the associativity functional equation. Fuzzy Sets and Systems 114(3), 381–389 (2000)
- [522] Marichal, J.L.: On order invariant synthesizing function. Journal of Mathematical Psychology 46(6), 661–676 (2002)
- [523] Marichal, J.L.: Cumulative distribution functions and moments of lattice polynomials. Statistics and Probability Letters 76, 1273–1279 (2006)
- [524] Marichal, J.L.: Weighted lattice polynomials of independent random variables. Discrete Applied Mathematics 156, 685–694 (2008)
- [525] Marichal, J.L.: Weighted lattice polynomials. Discrete Mathematics 309, 814–820 (2009)
- [526] Marichal, J.L., Kojadinovic, I.: Distribution functions of linear combinations of lattice polynomials from the uniform distribution. Statistics and Probability Letters 78, 985–991 (2008)
- [527] Marichal, J.L., Mathonet, P.: On comparison meaningfulness of aggregation functions. Journal of Mathematical Psychology 45(2), 213–223 (2001)
- [528] Marichal, J.L., Mathonet, P., Tousset, E.: Characterization of some aggregation functions stable for positive linear transformations. Fuzzy Sets and Systems 102, 293–314 (1997)
- [529] Marichal, J.L., Mesiar, R.: Aggregation of finite ordinal scales by scale independent functions. Order 21(2), 155–180 (2004)
- [530] Marichal, J.L., Mesiar, R.: Aggregation on finite ordinal scales by scale independent functions. Order 21(2), 155–180 (2005)
- [531] Marichal, J.L., Mesiar, R., Rückschlossova, T.: A complete description of comparison meaningful functions. Æquationes Mathematicæ 69, 309–320 (2005)
- [532] Marichal, J.L., Rubens, M.: Characterization of some stable aggregation functions. In: Proc. 1st Conf. Industrial Engineering and Production Management (IEPM'93). pp. 187–196 (1993)
- [533] Marichal, J.L., Teheux, B.: Preassociative aggregation functions. Fuzzy Sets and Systems 268, 15–26 (2015)
- [534] Marsaglia, G.: Choosing a point from the surface of a sphere. Annals of Mathematical Statistics 43, 645–646 (1972)
- [535] Marsaglia, G., Marsaglia, J.: Evaluating the Anderson-Darling distribution. Journal of Statistical Software 9(2) (2004)
- [536] Martín, J., Mayor, G., Suñer, J.: On dispersion measures. Mathware & Soft Computing 8, 227–237 (2001)
- [537] Martin, J., Mayor, G.: Aggregating pairwise distance values. In: Proc. EUROFUSE'09. pp. 147–152 (2009)

- [538] Martin, J., Mayor, G.: How separated Palma, Inca and Manacor are? In: Proc. AGOP 2009. pp. 195–200 (2009)
- [539] Martin, J., Mayor, G.: Some properties of multi-argument distances and Fermat multidistance. In: Hüller-meier, E., et al. (eds.) Information Processing and Management of Uncertainty in Knowledge-Based Systems. vol. 80, pp. 703–711. Springer-Verlag (2010)
- [540] Martin, J., Mayor, G.: Multi-argument distances. Fuzzy Sets and Systems 167, 92–100 (2011)
- [541] Martin, J., Mayor, G., Valero, O.: A fixed point theorem for asymmetric distances via aggregation functions. In: Proc. 6th Intl. Summer School on Aggregation Operators (AGOP 2011). pp. 217–222. Benevento, Italy (2011)
- [542] Martin, J., Mayor, G., Valero, O.: Functionally expressible multidistances. In: Galichet, S., et al. (eds.) Proc. Eusflat/LFA 2011. pp. 41–46 (2011)
- [543] Martínez-Hinarejos, C., Juan, A., Casacuberta, F.: Median strings for k-nearest neighbour classification. Pattern Recognition Letters pp. 173–181 (2003)
- [544] Marzal, A., Vidal, E.: Computation of normalized edit distance and applications. IEEE Transactions on Pattern Analysis and Machine Intelligence 15(9), 926–932 (1993)
- [545] Masek, W.J., Pateson, M.S.: A faster algorithm computing string edit distances. Journal of Computer and System Sciences 20, 18–31 (1980)
- [546] Massé, J.C.: Multivariate trimmed means based on the Tukey depth. Journal of Statistical Planning and Interference 139, 366–384 (2009)
- [547] Massé, J.C., Plante, J.F.: A Monte Carlo study of the accuracy and robustness of ten bivariate location estimators. Computational Statistics & Data Analysis 42, 1–26 (2003)
- [548] Matloff, N., Salzman, P.: The Art of Debugging with GDB, DDD, and Eclipse. No Starch Press (2008)
- [549] Matloff, N.: The Art of R Programming: A Tour of Statistical Software Design. No Starch Press (2011)
- [550] Matsumoto, M., Nishimura, T.: Mersenne twister: A 623-dimensionally equidistributed uniform pseudorandom number generator. ACM Transactions on Modeling and Computer Simulation 8(1), 3–30 (1998)
- [551] May, K.O.: A set of independent necessary and sufficient conditions for simple majority decision. Econometrica 20(4), 680–684 (1952)
- [552] May, K.O.: A note of the complete independence of the conditions for simple majority decision. Econometrica 21(1), 172–173 (1953)
- [553] Mayor, G., Calvo, T.: On extended aggregation functions. In: Proc. IFSA 1997. vol. 1, pp. 281–285. Academia, Prague (1997)
- [554] Mays, E., Damerau, F.J., Mercer, R.L.: Context based spelling correction. Information Processing & Management 27(2), 517–522 (1991)
- [555] Mazumdar, A., Polyanskiy, Y., Saha, B.: On Chebyshev radius of a set in Hamming space and the closest string problem. In: Proc. IEEE Intl. Symp. Information Theory. pp. 1401–1405. IEEE (2013)
- [556] Meho, L.I., Rogers, Y.: Citation counting, citation ranking, and h-index of human-computer interaction researchers: A comparison between Scopus and Web of Science. Journal of the American Society for Information Science and Technology 59(11), 1711–1726 (2008)
- [557] Meho, L.I., Sugimoto, C.R.: Assessing the scholarly impact of information studies: A tale of two citation databases *Scopus* and *Web of Science*. Journal of the American Society for Information Science and Technology 60(12), 2499–2508 (2009)
- [558] Meneses, C.N., Lu, Z., Oliveira, C.A.S., Pardalos, P.M.: Optimal solutions for the closest-string problem via integer programming. INFORMS Journal on Computing 16(4), 419–429 (2004)
- [559] Merigó, J.M., Casanovas, M., Yang, J.B.: Group decision making with expertons and uncertain generalized probabilistic weighted aggregation operators. European Journal of Operational Research 235, 215–224 (2014)

- [560] Mesiar, R.: Fuzzy set approach to the utility, preference relations, and aggregation operators. European Journal of Operational Research 176, 414–422 (2007)
- [561] Mesiar, R., Mesiarová-Zemánková, A.: The ordered modular averages. IEEE Transactions on Fuzzy Systems 19(1), 42–50 (2011)
- [562] Mesiar, R., Pap, E.: Aggregation of infinite sequences. Information Sciences 178, 3557–3564 (2008)
- [563] Mesiar, R., Rückschlossova, T.: Characterization of invariant aggregation operators. Fuzzy Sets and Systems 142, 63–73 (2004)
- [564] Mesiar, R., Stupňanová, A.: Decomposition integrals. International Journal of Approximate Reasoning 54(8), 1252–1259 (2013)
- [565] Meyer, D., Hornik, K.: relations: Data Structures and Algorithms for Relations (2013), http://CRAN.R-project.org/package=relations, r package version 0.6-2
- [566] Milasevic, P., Ducharme, G.: Uniqueness of the spatial median. The Annals of Statistics 15(3), 1332–1333 (1987)
- [567] Milligan, G.W.: Ultrametric hierarchical clustering algorithms. Psychometrika 44(3), 343–346 (1979)
- [568] Mingers, J., Lipkins, E.A.: Counting the citations: A comparison of Web of Science and Google Scholar in the field of business and management. Scientometrics 85, 613–625 (2010)
- [569] Miroiu, A.: Axiomatizing the hirsch index: Quantity and quality disjoined. Journal of Informetrics 7, 10–15 (2013)
- [570] Mittal, H.: R Graphs Cookbook. Packt Publishing (2011)
- [571] Miyamoto, S.: Application of rough sets to information retrieval. Journal of the American Society for Information Science 49(3), 195–205 (1998)
- [572] Moed, H.F.: Measuring contextual citation impact of scientific journals. Journal of Informetrics 4(3), 265–277 (2010)
- [573] Monahan, J.: Numerical Methods of Statistics. Oxford University Press (2001)
- [574] Morgan, H.L.: Spelling correction in systems programs. Journal of the ACM 13(2), 90–94 (1970)
- [575] Mosteller, C.F., Tukey, J.W.: Data analysis and regression. Addison-Wesley, Reading, Mass. (1977)
- [576] M.R. Garey, D.S. Johnson, H.W.: The complexity of the generalized Lloyd-Max problem. IEEE Transactions on Information Theory IT-28(2), 255–256 (1982)
- [577] Muenchen, R.: R for SAS and SPSS Users. Springer-Verlag (2011)
- [578] Muenchen, R., Hilbe, J.: R for Stata Users. Springer-Verlag (2010)
- [579] Murrell, P.: R Graphics. Chapman & Hall/CRC (2006)
- [580] Murrell, P.: Raster images in R graphics. The R Journal 3(1), 48–54 (2011)
- [581] Nagumo, M.: Über eine Klasse der Mittelwerte. Japanese Journal of Mathematics 7, 71–79 (1930)
- [582] Nair, G.M., Turlach, B.A.: The stochastic h-index. Journal of Informetrics 6(1), 80–87 (2012)
- [583] Narukawa, Y., Torra, V.: Multidimensional generalized fuzzy integral. Fuzzy Sets and Systems 160, 802–815 (2009)
- [584] Navarro, G.: A guided tour to approximate string matching. ACM Computing Surveys 33(1), 31–88 (2001)
- [585] Needleman, S., Wunsch, C.D.: A general method applicable to the search of similarities in the amino acid sequence of two proteins. Journal of Molecular Biology 48, 443–453 (1970)
- [586] Nelder, J., Mead, R.: A simplex method for function minimization. Computer Journal 7, 308–313 (1965)
- [587] Nelsen, R.: An Introduction to Copulas. Springer-Verlag (1999)
- [588] nez, A.I., naga, P.L., Bielza, C.: Cluster methods for assessing research performance: exploring spanish computer science. Scientometrics 97(3), 571–600 (2013)

- [589] Nicholls, P.T.: Estimation of Zipf parameters. Journal of the American Society for Information Science 38(6), 443–445 (1987)
- [590] Nicholls, P.T.: Bibliometric modeling processes and the empirical validity of Lotka's law. Journal of the American Society for Information Science 40(6), 379–385 (1989)
- [591] Nicolas, F., Rivals, E.: Complexities of the centre and median string problems. Lecture Notes in Computer Science 2676, 315–327 (2003)
- [592] Nicolas, F., Rivals, E.: Hardness results for the center and median string problems under the weighted and unweighted edit distances. Journal of Discrete Algorithms 3(2–4), 390–415 (2005)
- [593] Nicolini, C., Vakula, S., Italo Balla, M., Gandini, E.: Can the assignment of university chairs be automated? Scientometrics 32(2), 93–107 (1995)
- [594] Niinimaa, A., Oja, H., Nyblom, J.: Algorithm AS 277: The Oja bivariate median. Journal of the Royal Statistical Society. Series C (Applied Statistics) 41(3), 611–633 (1992)
- [595] Niinimaa, A., Oja, H., Tableman, M.: The finite-sample breakdown point of the oja bivariate median and of the corresponding half-samples version. Statistics & Probability Letters 10, 325–328 (1990)
- [596] Nocedal, J., Wright, S.: Numerical Optimization. Springer-Verlag, New York (2006)
- [597] Norris, M., Oppenheim, C.: Peer review and the h-index: Two studies. Journal of Informetrics 4, 221–232 (2010)
- [598] Nowak, P.: Bibliometria. Webometria. Podstawy. Wybrane zastosowania. UAM, Poznań (2008)
- [599] Oetiker, T., Przechlewski, T., i in., R.K.: Nie za krótkie wprowadzenie do systemu LATEX 2_{ε} (2007), ftp.gust.org.pl/pub/CTAN/info/lshort/polish/lshort2e.pdf
- [600] Ohki, M., Murofushi, T.: A ranking methodology using a new dispersion criterion on a group decision making. In: Proc. SCIS-ISIS 2012. pp. 1649–1653 (2012)
- [601] Oja, H.: Descriptive statistics for multivariate distributions. Statistics & Probability Letters 1, 327–332 (1983)
- [602] Olivares-Rodríguez, C., Oncina, J.: A stochastic approach to median string computation. Lecture Notes in Computer Science 5342, 431–440 (2008)
- [603] Oommen, B.: Constrained string editing. Information Sciences 40, 267–284 (1986)
- [604] Orlov, A.I.: The connection between mean quantities and admissible transformations. Mathematical Notes 30(4), 774–778 (1981)
- [605] Ortega, J.L., López-Romero, E., Fernández, I.: Multivariate approach to classify research institutes according to their outputs: The case of the CSIC's institutes. Journal of Informetrics 5, 323–332 (2011)
- [606] Otieno, B.S.: An Alternative Estimate of Preferred Direction for Circular Data. Ph.D. thesis, Virginia Polytechnic Institute and State University (2002)
- [607] Ovchinnikov, S.: Means on ordered sets. Mathematical Social Sciences 32, 39–56 (1996)
- [608] Ovchinnikov, S.: Invariant functions on simple orders. Order 14, 365–371 (1998)
- [609] Ovchinnikov, S., Dukhovny, A.: On order invariant aggregation functionals. Journal of Mathematical Psychology 46, 12–18 (2002)
- [610] Page, L., Brin, S., Motwani, R., Winograd, T.: The PageRank citation ranking: Bringing order to the Web. Tech. rep., Stanford University (1998)
- [611] Palacios-Huerta, I., Volij, O.: The measurement of intellectual influence. Econometrica 72(3), 963–977 (2004)
- [612] Panaretos, J., Malesios, C.: Assessing scientific research performance and impact with single indices. Scientometrics 81(3), 635–670 (2009)
- [613] Papadimitriou, C., Steiglitz, K.: Combinatorial Optimization: Algorithms and Complexity. Prentice Hall, Englewood Cliffs, NJ (1982)

- [614] Park, H.S., Jun, C.H.: A simple and fast algorithm for K-medoids clustering. Expert Systems with Applications 36, 3336–3341 (2009)
- [615] Pearson, K.: Contributions to the mathematical theory of evolution. Philosophical Transactions of the Royal Society A 185, 71–110 (1894)
- [616] Pedrycz, W.: Shadowed sets: Representing and processing fuzzy sets. IEEE Transactions on Systems, Man, and Cybernetics 28(1), 103–109 (1998)
- [617] Peneva, V., Popchev, I.: Aggregation of fuzzy preference relations to multicriteria decision making. Fuzzy Optimization and Decision Making 6, 351–365 (2007)
- [618] Pitman, E.: The estimation of the location and scale parameters of a continuous population of any given form. Biometrika 30, 391–421 (1939)
- [619] Podlubny, I.: Comparison of scientific impact expressed by the number of citations in different fields of science. Scientometrics 64(1), 95–99 (2005)
- [620] Prathap, G.: Is there a place for a mock h-index? Scientometrics 84, 153–165 (2010)
- [621] Press, W., Teukolsky, S., Vetterling, W., Flannery, B.: Numerical Recipes. The Art of Scientific Computing. Cambridge University Press (2007)
- [622] Price, D.J.: Networks of scientific papers. Science 149(3683), 510–515 (1965)
- [623] Proń, A., Szatyłowicz, H.: Habilitacja dodaje "skrzydeł"? Forum Akademickie 3 (2006)
- [624] Prpić, K.: Science ethics: A study of eminent scientists' professional values. Scientometrics 43(2), 269–298 (1998)
- [625] Quesada, A.: Monotonicity and the Hirsch index. Journal of Informetrics 3(2), 158–160 (2009)
- [626] Quesada, A.: More axiomatics for the Hirsch index. Scientometrics 82, 413–418 (2010)
- [627] Quesada, A.: Axiomatics for the hirsch index and the egghe index. Journal of Informetrics 5(3), 476–480 (2011)
- [628] Quesada, A.: Further characterizations of the Hirsch index. Scientometrics 87, 107–114 (2011)
- [629] Rao, C.R.: Statistics and truth. Putting chance to work. World Scientific Publishing (1999)
- [630] Rardin, R.: Optimization in Operations Research. Prentice Hall, Englewood Cliffs (1998)
- [631] Rasiowa, H.: Wstęp do matematyki współczesnej. PWN, Warszawa (2003)
- [632] Richardson, M., Domingos, P.: The intelligent surfer: Probabilistic combination of link and content information in PageRank. In: Proc. Advances in Neural Information Processing Systems. vol. 14, pp. 1441–1448. MIT Press, Cambridge, MA (2002)
- [633] Ripley, B.: Internationalization features of R 2.1.0. R News 5(1), 2–7 (2005)
- [634] Ristad, E.S., Yianilos, P.N.: Learning string-edit distance. IEEE Transactions on Pattern Analysis and Machine Intelligence 20(5), 522–532 (1998)
- [635] Robert, C., Casella, G.: Monte Carlo Statistical Methods. Springer-Verlag (2004)
- [636] Rojas, K., Gómez, D., Rodríguez, J.T., Montero, J.: Some properties of consistency in the families of aggregation operators. Advances in Intelligent and Soft Computing 107, 169–176 (2012)
- [637] Ronkainen, T., Oja, H., Orponen, P.: Coputation of the multivariate Oja median. In: Proc. Intl. Conf. Robust Statistics. pp. 344–359 (2003)
- [638] Rothschild, M., Stiglitz, J.: Increasing risk: I. A definition. Journal of Economic Theory 2(3), 225–243 (1970)
- [639] Roubens, M., Vincke, P.: Preference modeling. Lecture Notes in Economics and Mathematical Systems 250, Springer-Verlag, Berlin (1985)
- [640] Rousseau, R.: Relations between continuous versions of bibliometric laws. Journal of the American Society for Information Science 41(3), 197–203 (1990)

- [641] Rousseau, R.: Citation analysis as a theory of friction or polluted air? Scientometrics 43(1), 63–67 (1998)
- [642] Rousseau, R.: The influence of missing publications on the Hirsch index. Journal of Informetrics 1(1), 2–7 (2007)
- [643] Rousseau, R.: Reflections on recent developments of the h-index and h-type indices. COLLNET Journal of Scientometrics and Information Management 2(1), 1–8 (2008)
- [644] Rousseau, R.: Woeginger's axiomatisation of the h-index and its relation to the g-index, the h(2)-index and the r^2 -index. Journal of Informetrics 2(4), 335–340 (2008)
- [645] Rousseeuw, P.J., Croux, C.: Alternatives to the median absolute deviation. Journal of the American Statistical Association 88(424), 1273–1283 (1993)
- [646] Rousseeuw, P.J., Hubert, M.: Regression depth. Journal of the American Statistical Association 94(446), 388–402 (1999)
- [647] Rousseeuw, P.J., Ruts, I.: Algorithm AS 307: Bivariate location depth. Applied Statistics 45, 516–526 (1996)
- [648] Rousseeuw, P.J., Ruts, I.: Constructing the bivariate Tukey median. Statistica Sinica 8, 827–839 (1998)
- [649] Rousseeuw, P.J., Ruts, I., Tukey, J.W.: The bagplot: A bivariate boxplot. The American Statistician 53(4), 382–387 (1999)
- [650] Rousseeuw, P.J., Struyf, A.: Computing location depth and regression depth in higher dimensions. Statistics and Computing 8, 193–203 (1998)
- [651] Rousseeuw, P.J., Struyf, A.: Computation of robust statistics: depth, median, and related measures. In: Goodman, J.E., O'Rourke, J. (eds.) The Handbook of Discrete and Computational Geometry, pp. 1279–1292. Chapman & Hall/CRC, Boca Raton (2004)
- [652] Rousseuw, P.J., Ruts, I.: The depth function of a population distribution. Metrika 49, 213–244 (1999)
- [653] Rubin, D., Little, R.: Statistical Analysis with Missing Data. John Wiley & Sons (2002)
- [654] Ruts, I., Rousseeuw, P.J.: Computing depth contours of bivariate point clouds. Computational Statistics & Data Analysis 23, 153–168 (1996)
- [655] Rytgaard, M.: Estimation in the Pareto distribution. ASTIN bulletin 20(2), 201–216 (1990)
- [656] Sáanchez, G., Lladós, J., Tombre, K.: A mean string algorithm to compute the average among a set of 2D shapes. Pattern Recognition Letters 23, 203–213 (2002)
- [657] Saaty, T.: Fundamentals of decision making and priority theory with the analytic hierarchy process. RWS Publications, Pittsburgh (1994)
- [658] Sanchez, D., Trillas, E.: Measures of fuzziness under different uses of fuzzy sets. In: Greco, S., et al. (eds.) Proc. IPMU 2012 (CCIS 298). pp. 25–43. Springer-Verlag (2012)
- [659] Sarkar, D.: Lattice: Multivariate Data Visualization with R. Springer-Verlag (2008)
- [660] Schmidberger, M., Morgan, M., Eddelbuettel, D., Yu, H., Tierney, L., Mansmann, U.: State of the art in parallel computing with R. Journal of Statistical Software 31(1), 1–27 (2009)
- [661] Schön, J.H., et al.: Field-effect modulation of the conductance of single molecules. Science 2138(294) (2001), artykuł został wycofany z powodu fałszerstwa wyników (przykład do rozdz. 1).
- [662] Schönherr, S.: Quadratic Programming in Geometric Optimization: Theory, Implementation, and Applications. Ph.D. thesis, Swiss Federal Institute of Technology, Zurich, Switzerland (2002)
- [663] Schreiber, M.: How to modify the g-index for multi-authored manuscripts. Journal of Informetrics 4(1), 42-52 (2001)
- [664] Schreiber, M.: A case study of Hirsch index for 26 non-prominent physicists. Annalen der Physik 16(9), 640–652 (2007)
- [665] Schreiber, M.: A modification of the h-index: The h_m -index accounts for multi-authored manuscripts. Journal of Informetrics 2(3), 211–216 (2008)

- [666] Schreiber, M.: A case study of the modified Hirsch index h_m accounting for multiple coauthors. Journal of the American Society for Information Science and Technology 60(6), 1274–1282 (2009)
- [667] Schreiber, M.: Fractionalized counting of publications for the g-index. Journal of the American Society for Information Science and Technology 60(10), 2145-2150 (2009)
- [668] Schubert, A.: Using the h-index for assessing single publications. Scientometrics 78(3), 559–565 (2009)
- [669] Schubert, A., Glänzel, W.: A systematic analysis of Hirsch-type indices for journals. Journal of Informetrics 1, 179–184 (2007)
- [670] Schubert, A., Korn, A., Telcs, A.: Hirsch-type indices for characterizing networks. Scientometrics 78(2), 375–382 (2009)
- [671] Schumaker, L.: Spline Functions: Basic Theory. Cambridge University Press (2007)
- [672] Schutte, H.K., Svec, J.G.: Reaction of *Folia Phoniatrica et Logopaedica* on the current trend of Impact Factor measures. Folia Phoniatrica et Logopaedica 59, 281–285 (2007)
- [673] Schweizer, B., Sklar, A.: Probabilistic Metric Spaces. Elsevier, Amsterdam (1983)
- [674] of Science Editors, E.A.: EASE statement on inappropriate use of impact factors (1998), URL: http://www.ease.org.uk/statements/EASE statement on impact factors.shtml
- [675] Serfling, R.J.: Approximation theorems of mathematical statistics. John Wiley & Sons, New York (1980)
- [676] Shannon, C.: A mathematical theory of communications. Bell System Technical Journal 27(3), 379–423 (1948)
- [677] Shao, J.: Mathematical Statistics. Springer (2007)
- [678] Shevtsova, I.G.: Sharpening of the upper bound of the absolute constant in the Berry-Esseen inequality. Theory of Probability and its Applications 51(3) (2007)
- [679] Shiganov, I.S.: Refinement of the upper bound of the constant in the central limit theorem. Journal of Mathematical Sciences 35(3), 2545–2550 (1986)
- [680] Shilkret, N.: Maxitive measure and integration. Indagationes Mathematicæ33, 109–116 (1971)
- [681] Shumway, R., D.S., D.S.: Time Series Analysis and Its Applications with R Examples. Springer-Verlag (2011)
- [682] Sidiropoulos, A., Katsaros, D., Manolopoulos, Y.: Generalized h-index for disclosing latent facts in citation networks. Scientometrics 72(2), 253–280 (2007)
- [683] Silberschatz, A., Peterson, J., Gagne, G.: Podstawy systemów operacyjnych. WNT, Warszawa (2005)
- [684] Simkin, M.V., Roychowdhury, V.P.: Read before you cite! Complex Syst. 14, 269–274 (2003)
- [685] Sinova, B., Ángeles Gil, M., Colubi, A., Van Aelst, S.: The median of a random fuzzy number. The 1-norm distance approach. Fuzzy Sets and Systems 200, 99–115 (2012)
- [686] Small, C.G.: Measures of centrality for multivariate and directional distributions. Canadian Journal of Statistics 15(1), 31–39 (1987)
- [687] Small, C.G.: A survey of multidimensional medians. International Statistical Review 58(3), 263–277 (1990)
- [688] Small, H.: Citations and consilience in science. Scientometrics 43(1), 143–148 (1998)
- [689] Small, H.: Paradigms, citations, and maps of science: A personal history. Journal of the American Society for Information Science and Technology 54(5), 394–399 (2003)
- [690] Soetaert, K., Petzoldt, T., Setzer, R.: Solving differential equations in R. The R Journal 2(2), 5–15 (2010)
- [691] Soler, J.M.: A rational indicator of scientific creativity. Journal of Informetrics 1(2), 123–130 (2007)
- [692] Somervuo, P.J.: Online algorithm for the self-organizing map of symbol strings. Neural Networks 17, 1231–1239 (2004)
- [693] Spector, P.: Data Manipulation with R. Springer-Verlag (2008)

- [694] Stefanini, L., Sorini, L.: Fuzzy arithmetic with parametric LR fuzzy numbers. In: Proc. IFSA/EUSFLAT 2009. pp. 600–605 (2009)
- [695] Stevens, S.S.: On the theory of scales of measurement. Science 103(2684), 677–680 (1946)
- [696] Stewart, T.A.: Intellectual capital The new wealth of organizations. Nicholas Brealey Publishing (1997)
- [697] Stigler, S.M.: Linear functions of order statistics. The Annals of Mathematical Statistics 40(3), 770–788 (1969)
- [698] Stoer, J., Bulirsch, R.: Wstęp do analizy numerycznej. PWN, Warszawa (1987)
- [699] Strotmann, A., Zhao, D.: Author name disambiguation: What difference does it make in author-based citation analysis? Journal of the American Society for Information Science and Technology 63, 1820–1933 (2012)
- [700] Struyf, A., Rousseuw, P.J.: High-dimensional computation of the deepest location. Computational Statistics & Data Analysis 34, 415–426 (2000)
- [701] Stubblebine, T.: Wyrażenia regularne. Leksykon kieszonkowy. Helion, Gliwice (2001)
- [702] Sugeno, M.: Theory of fuzzy integrals and its applications. Ph.D. thesis, Tokyo Institute of Technology (1974)
- [703] Sun, H., Wei, Y.: A note on the PageRank algorithm. Applied Mathematics and Computation 179, 799–806 (2006)
- [704] Sylvester, J.J.: A question in the geometry of situation. Quarterly Journal of Mathematics 1, 79 (1857)
- [705] Szydłowski, M., Krawiec, A.: Scientific cycle model with delay. Scientometrics 52(1), 83–95 (2001)
- [706] Szydłowski, M., Krawiec, A.: Growth cycles of knowledge. Scientometrics 78(1), 99–111 (2009)
- [707] Szymanski, B.K., de la Rosa, J.L., Krishnamoorthy, M.: An internet measure of the value of citations. Information Sciences 185, 18–31 (2012)
- [708] Tanenbaum, A.: Systemy operacyjne. Helion, Gliwice (2010)
- [709] The CGAL Project: CGAL User and Reference Manual. CGAL Editorial Board, 4.5 edn. (2015), http://doc.cgal.org/4.5/Manual/packages.html
- [710] Torra, V.: The weighted OWA operator. International Journal of Intelligent Systems 12, 153–166 (1997)
- [711] Torra, V.: On some relationships between hierarchies of quasi-arithmetic means and neural networks. International Journal of Intelligent Systems 14, 1089–1098 (1999)
- [712] Torra, V.: On the learning of weights in some aggregation operators: The weighted mean and OWA operators. Mathware and Soft Computing 6, 249–265 (1999)
- [713] Torra, V.: Learning weights for Weighted OWA operators. In: Proc. IEEE Intl. Conf. Industrial Electr. Control and Instrumentation. pp. 2530–2535 (2000)
- [714] Torra, V.: Learning weights for the quasi-weighted means. IEEE Transactions on Fuzzy Systems 10(5), 653–666 (2002)
- [715] Torra, V. (ed.): Information fusion in data mining, Studies in Fuzziness and Soft Computing, vol. 123. Springer-Verlag (2003)
- [716] Torra, V.: OWA operators in data modeling and reidentification. IEEE Transactions on Fuzzy Systems 12(5), 652–660 (2004)
- [717] Torra, V.: Aggregation operators and models. Fuzzy Sets and Systems 156, 407–410 (2005)
- [718] Torra, V.: The WOWA operator: A review. In: Yager, R., Kacprzyk, J., Beliakov, G. (eds.) Recent Developments in the Ordered Weighted Averaging Operators. pp. 17–28. Springer (2011)
- [719] Torra, V., Lv, Z.: On the WOWA operator and its interpolation function. International Journal of Intelligent Systems 24, 1039–1056 (2009)

- [720] Torra, V., Narukawa, Y.: Modeling Decisions: Information Fusion and Aggregation Operators. Springer-Verlag (2007)
- [721] Torra, V., Narukawa, Y.: A view of averaging aggregation operators. IEEE Transactions on Fuzzy Systems 15(6), 1063–1067 (2007)
- [722] Torra, V., Narukawa, Y.: The h-index and the number of citations: Two fuzzy integrals. IEEE Transactions on Fuzzy Systems 16(3), 795–797 (2008)
- [723] Tukey, J.W.: Mathematics and the picturing of data. Proc. Intl. Congress of Mathematicians pp. 523–531 (1974)
- [724] Tukey, J.: Some graphic and semigraphic displays. In: Bancroft, T. (ed.) Statistical Papers in Honor of George W. Snedecor, pp. 293–316. Ames (1972)
- [725] Ukkonen, E.: On approximate string matching. Lecture Notes in Computer Science 158, 487–495 (1983)
- [726] Ukkonen, E.: Approximate string-matching with q-grams and maximal matches. Theoretical Computer Science 92, 191–211 (1992)
- [727] van der Loo, M.: The stringdist package for approximate string matching. The R Journal 6(1), 111–122 (2014)
- [728] van Eck, N.J., Waltman, L.: Generalizing the h- and g-indices. Journal of Informetrics 2(4), 263–271 (2008)
- [729] van Raan, A.: Sleeping beauties in science. Scientometrics 59(3), 467–472 (2004)
- [730] van Raan, A.F.J.: In matters of quantitative studies of science. The fault of theorists is offering too little and asking too much. Scientometrics 43(1), 129–139 (1998)
- [731] van Raan, A.F.J.: Comparison of the Hirsch-index with standard bibliometric indicators and with peer judgment for 147 chemistry research groups. Scientometrics 67(3), 491–502 (2006)
- [732] Vanclay, J.K.: On the robustness of the h-index. Journal of the American Society for Information Science and Technology 58(10), 1547-1550 (2007)
- [733] Vannucci, S.: Dominance dimension: A common parametric formulation for integer-valued scientific impact indices. Scientometrics 84, 43–48 (2010)
- [734] Vardi, Y., Zhang, C.H.: The multivariate l_1 -median and associated data depth. Proceedings of the National Academy of Sciences 97(4), 1423–1426 (2000)
- [735] Vazquez, A.: Statistics of citation networks (2001), arXiv:cond-mat/0105031v1
- [736] Venables, W., Ripley, B.: S Programming. Springer-Verlag (2000)
- [737] Venables, W., Ripley, B.: Modern Applied Statistics with S. Springer-Verlag (2002)
- [738] Vieira, E.S., Gomes, J.A.: Citations to scientific articles: Its distribution and dependencies on the article features. Journal of Informetrics 4, 1–13 (2010)
- [739] Vieira, E.S., Gomes, J.A.: A comparison of Scopus and Web of Science for a typical university. Scientometrics 81(2), 587–600 (2009)
- [740] Villasenor-Alva, J., Gonzalez-Estrada, E.: A bootstrap goodness of fit test for the Generalized Pareto Distribution. Computational Statistics and Data Analysis 53(11), 3835–3841 (2009)
- [741] Vinkler, P.: Comparative investigation of frequency and strength of motives toward referencing. The reference threshold model. Scientometrics 43(1), 107–127 (1998)
- [742] Vinogradov, A.E.: Secular trend of academician aging. Scientometrics 43(1), 149–160 (1998)
- [743] Vintsyuk, T.: Speech discrimination by dynamic programming. Cybernetics 4(1), 52–57 (1968)
- [744] von Neumann, J., Morgenstern, O.: Theory of games and economic behavior. Princeton University Press, Princeton (1947)
- [745] Wagner, R.A., Fischer, M.J.: The string-to-string correction problem. Journal of the ACM 21(1), 168–173 (1974)

- [746] Wagner-Döbler, R.: Where has the cumulative advantage gone? some observations about the frequency distribution of scientific productivity, of duration of scientific participation, and of speed of publication. Scientometrics 32(2), 123–132 (1995)
- [747] Waltman, L., van Eck, N.J.: The inconsistency of the h-index. Journal of the American Society for Information Science and Technology 63(2), 406–415 (2012)
- [748] Waltman, L., van Eck, N.J., Wouters, P.: Counting publications and citations: Is more always better? Journal of Informetrics 7, 635–641 (2013)
- [749] Wandelt, S., et al.: State-of-the-art in string similarity search and join. SIGMOD Record 43(1), 64–76 (2014)
- [750] Warshall, S.: A theorem on Boolean matrices. Journal of the ACM 9(1), 11–12 (1962)
- [751] Weber, S.: Measures of fuzzy sets and measures of fuzziness. Fuzzy Sets and Systems 13, 247–271 (1984)
- [752] Weiszfeld, E.: Sur le point par lequel la somme des distances de n points donnés est minimum. Tohoku Mathematics Journal 43, 355–386 (1937)
- [753] Welzl, E.: Smallest enclosing disks (balls and ellipsoids). Lecture Notes in Computer Science 555, 359–370 (1991)
- [754] Wickham, H.: ggplot2: Elegant Graphics for Data Analysis. Springer-Verlag (2009)
- [755] Wickham, H.: stringr: modern, consistent string processing. The R Journal 2(2), 38–40 (2010)
- [756] Wickham, H.: testthat: Get started with testing. The R Journal 3(1), 5-10 (2011)
- [757] Widrow, B., Winter, R.: Neural nets for adaptive filtering and adaptive pattern recognition. Computer 21, 25–39 (1998)
- [758] Wieczorkowski, R., Zieliński, R.: Komputerowe generatory liczb losowych. WNT, Warszawa (1997)
- [759] Wilkin, T., Beliakov, G.: Weakly monotonic averaging functions. International Journal of Intelligent Systems 30(2), 144–169 (2015)
- [760] Wilkin, T., Beliakov, G., Calvo, T.: Weakly monotone averaging functions. Communications in Computer and Information Science 444, 364–373 (2014)
- [761] Wilkinson, L.: The Grammar of Graphics. Springer-Verlag (2005)
- [762] Williams, V.V.: Multiplying matrices faster than Coppersmith-Winograd. In: Proc. 44th ACM Symp. Theory of Computing (STOC '12). pp. 887–898 (2012)
- [763] Winkler, W.: String comparator metrics and enhanced decision rules in the Fellegi-Sunter model of record linkage. In: Proc. Section on Survey Research Methods, American Statistical Association. pp. 354–359 (1990)
- [764] Woeginger, G.J.: An axiomatic analysis of Egghe's g-index. Journal of Informetrics 2(4), 364–368 (2008)
- [765] Woeginger, G.J.: An axiomatic characterization of the Hirsch-index. Mathematical Social Sciences 56(2), 224–232 (2008)
- [766] Woeginger, G.J.: A symmetry axiom for scientific impact indices. Journal of Informetrics 2, 298–303 (2008)
- [767] Woeginger, G.J.: Generalizations of Egghe's g-index. Journal of the American Society for Information Science and Technology 60(6), 1267-1273 (2009)
- [768] Woeginger, G.J.: An algorithmic comparison of three scientific impact indices. Acta Cybernetica 19, 661–672 (2010)
- [769] Wolsey, L.: Integer Programming. John Wiley & Sons, New York (1998)
- [770] Wróblewski, A.K.: Bibliometryczne nieporozumienia. Forum Akademickie 9 (2001)
- [771] Wu, Q.: The w-index: A measure to assess scientific impact by focusing on widely cited papers. Journal of the American Society for Information Science and Technology 61(3), 609–614 (2010)

- [772] Xie, Y.: Dynamic Documents with R and knitr. Chapman & Hall/CRC (2013)
- [773] Yager, R., Rybalov, A.: Uninorm aggregation operators. Fuzzy Sets and Systems 80, 111–120 (1996)
- [774] Yager, R.R.: On ordered weighted averaging aggregation operators in multicriteria decision making. IEEE Transactions on Systems, Man, and Cybernetics 18(1), 183–190 (1988)
- [775] Yager, R.R.: Connectives and quantifiers in fuzzy sets. Fuzzy Sets and Systems 40, 39–75 (1991)
- [776] Yager, R.R.: Fusion of ordinal information using weighted median aggregation. International Journal of Approximate Reasoning 18(1–2), 35–52 (1998)
- [777] Yager, R.R.: Prioritized aggregation operators. International Journal of Approximate Reasoning 48(1), 263–274 (2008)
- [778] Yager, R.R.: On generalized Bonferroni mean operators for multi-criteria aggregation. International Journal of Approximate Reasoning 50, 1279–1286 (2009)
- [779] Yager, R.R.: Lexicographic ordinal OWA aggregation of multiple criteria. Information Fusion 11, 374–380 (2010)
- [780] Yager, R.R., Beliakov, G.: OWA operators in regression problems. IEEE Transactions on Fuzzy Systems 18(1), 106–113 (2010)
- [781] Yager, R.R., Filev, D.P.: Essentials of fuzzy modeling and control. Wiley (1994)
- [782] Yager, R.R., Kacprzyk, J. (eds.): The ordered weighted averaging operators. Theory and applications. Kluwer Academic Publishers, Norwell (1997)
- [783] Yager, R.R., Rybalov, A.: Understanding the median as a fusion operator. International Journal of General Systems 26(3), 239–263 (1997)
- [784] Yan, J.: Enjoy the joy of copulas: With a package copula. Journal of Statistical Software 21(4), 1–21 (2007)
- [785] Yang, F., Sun, T., Zhang, C.: An efficient hybrid data clustering method based on K-harmonic means and particle swarm optimization. Expert Systems with Applications 36, 9847–9852 (2009)
- [786] Yeh, C.T.: Trapezoidal and triangular approximations preserving the expected interval. Fuzzy Sets and Systems 159, 1345–1353 (2008)
- [787] Yin, M., Hu, Y., Yang, F., Li, X., Gu, W.: A novel hybrid K-harmonic means and gravitational search algorithm approach for clustering. Expert Systems with Applications 38, 9319–9324 (2011)
- [788] Young, N.S., Ioannidis, J.P.A., Al-Ubaydli, O.: Why current publication practices may distort science. PLoS Medicine 5(10), 1418–1422 (2008)
- [789] Yu, H., Davis, M., Wilson, C.S., Cole, F.T.H.: Object-oriented data modelling for informetric databases. Journal of Informetrics 2(3), 240–251 (2008)
- [790] Zadeh, L.A.: Fuzzy sets. Information and Control 8, 338–353 (1965)
- [791] Zadeh, L.A.: Fuzzy logic = computing with words. IEEE Transactions on Fuzzy Systems 4(2), 103–111 (1996)
- [792] Zeng, W., Li, H.: Inclusion measures, similarity measures, and the fuzziness of fuzzy sets and their relations. International Journal of Intelligent Systems 21, 639–653 (2006)
- [793] Zhang, B.: K-harmonic means A data clustering algorithm. Tech. Rep. HPL-1999-124, HP Laboratories, Palo Alto (1999)
- [794] Zhang, B., Hsu, M., Dayal, U.: K-harmonic means A spatial clustering algorithm with boosting. Lecture Notes in Artificial Intelligence 2007, 31–45 (2001)
- [795] Zhang, D.: Triangular norms on partially ordered sets. Fuzzy Sets and Systems 153, 195–209 (2005)
- [796] Zhang, J.: Improving on estimation for the Generalized Pareto Distribution. Technometrics 52(3), 335–339 (2010)

- [797] Zhang, J., Stephens, M.A.: A new and efficient estimation method for the Generalized Pareto Distribution. Technometrics 51(3), 316–325 (2009)
- [798] Zhang, L., Glänzel, W., Liang, L.: Tracing the role of individual journals in a cross-citation network based on different indicators. Scientometrics 81(3), 821–838 (2009)
- [799] Zhang, L., Janssens, F., Liang, L., Glänzel, W.: Hybrid clustering analysis for mapping large scientific domains. In: Larsen, B., Leta, J. (eds.) Proc. 12th Intl. Conf. Scientometrics and Informetrics. pp. 178–188 (2009)
- [800] Zhang, L., Liu, X., Janssens, F., Liang, L., Glänzel, W.: Subject clustering analysis based on isi category classification. Journal of Informetrics 4, 185–193 (2010)
- [801] Zhivotovsky, L.A., Krutowsky, K.V.: Self-citation can inflate h-index. Scientometrics 77(2), 373–375 (2008)
- [802] Zieliński, R.: Siedem wykładów wprowadzających do statystyki matematycznej. PWN, Warszawa (1990)
- [803] Zieliński, R.: Przedziały ufności dla frakcji. Matematyka Stosowana 10, 51–68 (2009)
- [804] Zuo, Y., Serfling, R.: General notions of statistical depth function. The Annals of Statistics 28(2), 461–482 (2000)
- [805] Życzkowski, K.: Indeksy cytowań i wiosła. Forum Akademickie 9, 22–25 (2008)