@InbookAlawadhi2012, author="Alawadhi, Suha and Aldama-Nalda, Armando and Chourabi, Hafedh and Gil-Garcia, J. Ramon and Leung, Sofia and Mellouli, Sehl and Nam, Taewoo and Pardo, Theresa A. and Scholl, Hans J. and Walker, Shawn", editor="Scholl, Hans J. and Janssen, Marijn and Wimmer, Maria A. and Moe, Carl Erik and Flak, Leif Skiftenes", title="Building Understanding of Smart City Initiatives", year="2012", publisher="Springer Berlin Heidelberg", address="Berlin, Heidelberg",

@ARTICLEdgg, AUTHOR = P. Matzinger, TITLE = The Danger Model in it's Historical Context, JOURNAL = Scandinavian Journal of Immunology, YEAR = 2001, volume = 54, pages = 4-9,

@ARTICLEDCA, AUTHOR = J. Greensmith and U. Aickelin, TITLE = Introducing dendritic cells as a novel immune-inspired algorithm for anomaly detection, JOURNAL = Proceedings of the 4th International Conference on Artificial Immune Systems, Springer, ICARIS'2005, volume = Lecture Notes in Computer Science, 3627, YEAR = 2005, pages = 153-167,

@ARTICLEpcalimit, AUTHOR = E. Cantú-Paz, TITLE = Feature Subset Selection, Class Separability, and Genetic Algorithms, JOURNAL = Proceedings of the Genetic and Evolutionary Computation Conference, ACM, GECCO'2004, YEAR = 2004, pages = 959-970,

@ARTICLEdDCA, AUTHOR = J. Greensmith and U. Aickelin, TITLE = The deterministic dendritic cell algorithm, JOURNAL = Proceedings of the 7th International Conference on Artificial Immune Systems, Springer, ICARIS'2008, volume = Lecture Notes in Computer Science, 5132, YEAR = 2008, pages = 291-302,

@ARTICLECastroTimmis2003, author = V. Zuben and J. Timmis, title = Artificial immune systems as a novel soft computing paradigm, journal = Soft Computing Journal, volume = 7, year = 2003, pages = 526-544,

@BOOKhuman, AUTHOR = R. Goldsby and T. Kindt and B. Osborne and J. Kuby, TITLE = Immunology, PUBLISHER = W. H. Freeman and Company, YEAR = 2003,

@ARTICLEarc1, AUTHOR = C. Janeway, TITLE = The immune system evolved to discriminate infectious nonself from noninfectious self Immunol, JOURNAL = Immunology Today, YEAR = 1992, volume = 13, pages = 11-16,

@ARTICLEDC, AUTHOR = M. Lutz and G. Schuler, TITLE = Immature, semi-mature and fully mature dendritic cells: which signals induce tolerance or immunity?, JOURNAL = TRENDS in Immunology, YEAR = 2002, volume = 23, pages = 445-449,

@ARTICLEclonal2, AUTHOR = L. Castro and V. Zuben, TITLE = Learning and optimization using clonal selection principle, JOURNAL = IEEE Transaction on Evolutionary Computation, YEAR = 2001, volume = 6, pages = 239-251,

@ARTICLEimmune2, AUTHOR = A. Whitbrook and U. Aickelin and J. Garibaldi, TITLE = Two-Timescale Learning Using Idiotypic Behaviour Mediation for A Navigating Mobile Robot, JOURNAL = Journal of Applied Soft Computing, YEAR = 2010, volume = 10, pages = 876-887,

@BOOKRNS, AUTHOR = F. Gonzalez, TITLE = A Study of Artificial Immune Systems Applied to Anomaly Detection, PUBLISHER = Doctoral Dissertation, The University of Memphis, YEAR = 2003,

@BOOKcritics, AUTHOR = T. Stibor, TITLE = On the appropriateness of negative selection for anomaly detection and network intrusion detection, PUBLISHER = Doctoral Dissertation, Darmstadt University of Technology, YEAR = 2006,

@ARTICLEddt, AUTHOR = S. Cayzer and U. Aickelin, TITLE = The Danger Theory and Its Application to Artificial Systems, JOURNAL = Proceedings of the 1st International Conference on Artificial Immune Systems, Springer, ICARIS'2002, volume = Lecture Notes in Computer Science, 2787, YEAR = 2002, pages = 141-148,

@ARTICLEPCADCA, AUTHOR = F. GU and R. Oates and J. Greensmith and U. Aickelin, TITLE = Pca 4 dca: The application of principal component analysis to the dendritic cell algorithm, JOURNAL = Proceedings of the 9th Annual Workshop on Computational Intelligence, IEEE, UKCI'2009, YEAR = 2009, pages = 1-6,

@BOOKmemoire, AUTHOR = J. Greensmith, TITLE = The Dendritic Cell Algorithm, PUBLISHER = Doctoral Dissertation, University of Nottingham, YEAR = 2007,

@ARTICLEmussel, AUTHOR = C. Musselle, TITLE = Insights into the antigen sampling component of the dendritic cell algorithm, JOURNAL = Proceedings of the 9th International Conference on Artificial Immune Systems, Springer, ICARIS'2010, volume = Lecture Notes in Computer Science, 6209, YEAR =

2010, pages = 88-101,

@ARTICLEreal, AUTHOR = J. Greensmith and U. Aickelin, TITLE = Intergrating real-time analysis with the dendritic cell algorithm through segmentation, JOURNAL = Proceedings of the Genetic and Evolutionary Computation Conference, ACM, GECCO'2009,

YEAR = 2009, pages = 1203-1262,

@ARTICLEano, AUTHOR = J. Greensmith and U. Aickelin, TITLE = Dendritic cells for anomaly detection, JOURNAL = Proceedings of the IEEE Congress on Evolutionary Computation, IEEE, CEC'2006, YEAR = 2006, pages = 664-671,

@ARTICLEbot, AUTHOR = J. Greensmith and U. Aickelin, TITLE = The dca for bot detection, JOURNAL = Proceedings of the World Congress on Computational Intelligence, IEEE, WCCI'2008, YEAR = 2008, pages = 1807-1816,

@ARTICLEsyn, AUTHOR = J. Greensmith and U. Aickelin, TITLE = Dendritic cells for syn scan detection, JOURNAL = Proceedings of the Genetic and Evolutionary Computation Conference, ACM, GECCO'2007, YEAR = 2007, pages = 49-56,

@ARTICLEfdt, AUTHOR = H. Fu and G. Li, TITLE = Design of an immune-inspired danger theory model based on fuzzy set, JOURNAL = Proceedings of the International Symposium on Computational Intelligence and Design, IEEE, ISCID'2008, YEAR = 2008, pages = 133-136,

@ARTICLEfdt1, AUTHOR = H. Fu and C. Zhang, TITLE = Design of a danger signal detecting model based on fuzzy-set, JOURNAL = Proceedings of 5th International Conference on Wireless communications, networking and mobile computing, IEEE, WiCOM'2009, YEAR = 2009, pages = 4566-4568,

@ARTICLEfusion, AUTHOR = J. Greensmith and U. Aickelin and G. Tedesco, TITLE = Information fusion for anomaly detection with the dendritic cell algorithm, JOURNAL = Information Fusion, YEAR = 2010, volume = 11, pages = 21-34,

@BOOKFRSthesis, AUTHOR = R. Jensen, TITLE = Combining rough and fuzzy sets for feature selection, PUBLISHER = Doctoral Dissertation, School of Informatics University of Edinburgh, YEAR = 2005,

@ARTICLERST5, AUTHOR = R. Swiniarski and A. Skowron, TITLE = Rough set methods in feature selection and recognition, JOURNAL = Pattern Recognition Letters, YEAR = 2003, volume = 24, pages = 833-849,

@ARTICLEheur2, AUTHOR = N. Zhong and J. Dong and S. Ohsuga, TITLE = Using rough sets with heuristics for feature selection, JOURNAL = Journal of Intelligent Information Systems, YEAR = 2001, volume = 16, pages = 199-214,

@ARTICLEheur1, AUTHOR = A. Chouchoulas and Q. Shen, TITLE = Rough set-aided keyword reduction for text categorization, JOURNAL = Applied Artificial Intelligence Journal, YEAR = 2001, volume = 15, pages = 843-873,

@ARTICLEAPP, AUTHOR = D. Slezak, TITLE = Approximate reducts in decision tables, JOURNAL = Proceedings of the 6th International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems, Springer, IPMU'1996, volume = Lecture Notes in Computer Science, 6209, YEAR = 1996, pages = 1159-1164,

@BOOKdempster, AUTHOR = G. Shafer, TITLE = A Mathematical Theory of Evidence, PUBLISHER = Princeton University Press, YEAR = 1976, @BOOKproba, AUTHOR = P. Billingsley, TITLE = Probability and Measure, PUBLISHER = John Wiley and Sons, YEAR = 1979,

@ARTICLEfuzzysets, AUTHOR = L. Zadeh, TITLE = Fuzzy sets, JOURNAL = Information and Control, YEAR = 1965, volume = 8, pages = 338-353,

@ARTICLEcond, AUTHOR = R. Jensen and Q. Shen, TITLE = Fuzzy-Rough Sets for Descriptive Dimensionality Reduction, JOURNAL = Proceedings of the 11th International Conference on Fuzzy Systems, IEEE, FUZZ-IEEE'2002, YEAR = 2002, pages = 29-34,

@ARTICLEUCI, AUTHOR = A. Asuncion and D. Newman, TITLE = UCI machine learning repository, JOURNAL = http://archive.ics.uci.edu/ml/, YEAR = 2007,

@ARTICLEFRST, AUTHOR = D. Dubois and H. Prade, TITLE = Putting rough sets and fuzzy sets together, JOURNAL = Intelligent decision support : Handbook of applications and advances of the rough sets theory, Springer, YEAR = 1992, volume = 11, pages = 203-232,

@ARTICLEFS1, author = R. Jensen and Q. Shen, title = Fuzzy-Rough Sets Assisted Attribute Selection, journal = IEEE Transactions on Fuzzy Systems, year = 2007, volume = 15, pages = 73-89,

@ARTICLEdcalgo, AUTHOR = J. Greensmith and U. Aickelin, TITLE = Articulation and Clarification of the Dendritic Cell Algorithm, JOURNAL = Proceedings of the 5th International Conference on Artificial Immune Systems, Springer, ICARIS'2005, volume = Lecture Notes in Computer Science, 4163, YEAR = 2006, pages = 404-417,

@BOOKf1, AUTHOR = C. Bezdek, TITLE = Pattern Recognition with Fuzzy Objective Function Algorithms, PUBLISHER = Plenum Press, YEAR = 1981,

@ARTICLEggkk, author = D. Gustafson and W. Kessel, title = Fuzzy clustering with a fuzzy covariance matrix, JOURNAL = Proceedings of the IEEE Conference on Decision and Control, IEEE, CDC'1979, year = 1979, pages = 761-766,

@BOOKshe, AUTHOR = F. Hoppner and F. Klawonn and R. Kruse and T. Runkler, TITLE = Fuzzy Cluster Analysis, PUBLISHER = Wiley, YEAR = 1999,

@ARTICLEc, AUTHOR = C. Dunn, TITLE = A fuzzy relative of the isodata process and its use in detecting compact well-separated clusters, JOURNAL = Journal of Cybernetics, YEAR = 1973, volume = 3, pages = 32-57,

@ARTICLEshf, AUTHOR = R. Krishnapuram and O. Nasraoui and H. Frigui, TITLE = Fuzzy and possibilistic shell clustering algorithms and their application to boundary detection and surface approximation, JOURNAL = IEEE Transactions on Neural Networks, YEAR = 1995, volume = 3, pages = 29-60,

@ARTICLEdave, author = R. Dave, title = Robust Fuzzy Clustering Algorithms, JOURNAL = Proceedings of the 2nd IEEE International Conference on Fuzzy Systems, IEEE, FUZZ-IEEE'1993, year = 1993, pages = 1281-1286,

@ARTICLEpal, AUTHOR = R. Nikhil and C. Bezdek and C. James, TITLE = On Cluster Validity for the Fuzzy C-Means Model, JOURNAL = IEEE Transactions on Fuzzy Systems, YEAR = 1995, volume = 3, pages = 370-379,

@ARTICLEnb9, AUTHOR = X. L. Xie and G. A. Beni, TITLE = Validity measure for fuzzy clustering, JOURNAL = IEEE Transactions on Pattern Analysis and Machine Intelligence, YEAR = 1991, volume = 3, pages = 841-846, @ARTICLED4, AUTHOR = D. Leake and D. Wilson, TITLE = Maintaining Case-Based Reasoners: Dimensions And Directions, JOURNAL = Computational Intelligence, YEAR = 2001, volume = 17, pages = 196-213, @ARTICLEcnn21, author = C. Chou and B. Kuo and F. Chang, title = The Generalized Condensed Nearest Neighbor Rule as A Data Reduction Method, JOURNAL = Proceedings of the 18th International Conference on Pattern Recognition, IEEE, ICPR'2006, year = 2006, pages = 556-559,

@ARTICLErnn23, AUTHOR = W. Gates, TITLE = The Reduced Nearest Neighbor Rule, JOURNAL = IEEE Transactions on Information Theory, YEAR = 1972, volume = 18, pages = 431-433,

@ARTICLEenn31, AUTHOR = D. Wilson, TITLE = Asymptotic Properties of Nearest Neighbor Rules Using Edited Data, JOURNAL = IEEE Transactions on Systems Man and Cybernetics, YEAR = 1972, volume = 2, pages = 408-421,

@ARTICLEpol26, author = S. Markovich and P. Scott, title = The role of forgetting in learning, JOURNAL = Proceedings of the 5th International Conference on Machine Learning, IEEE, ICML'1988, year = 1988, pages = 459-465,

@ARTICLE6, AUTHOR = S. Minton, TITLE = Qualitative results concerning the utility of explanation-based learning, JOURNAL = Artifical Intelligence, YEAR = 1990, volume = 42, pages = 363-369, @ARTICLEMarkovitch1993, AUTHOR = S. Markovitch and P. Scott, TITLE = Information Filtering: Selection Mechanisms in Learning Systems, JOURNAL = Machine Learning, YEAR = 1993, volume = 10, pages = 113-151, @ARTICLERacine1996, author = K. Racine and Q. Yang, title = On the consistency Management of Large Case Bases: the Case for Validation, JOURNAL = Proceedings of the AAAI workshop on knowledge base validation, IEEE, AAAI'1996, year = 1996, pages = 84-90,

@ARTICLERacine1997, author = K. Racine and Q. Yang, title = Maintaining Unstructured Case Bases, JOURNAL = Proceedings of the 2nd International Conference on Case-Based Reasoning, Springer, ICCBR'1997, volume = Lecture Notes in Computer Science, 1266, year = 1997, pages = 553-564,

@ARTICLECOID, AUTHOR = A. Smiti and Z. Elouedi, TITLE = COID : Maintaining case method based on Clustering, Outliers and Internal Detection, JOURNAL = Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing, YEAR = 2010, volume = 295, pages = 39-52,

3

@ARTICLEDBSCAN, AUTHOR = J. Sander and M. Ester and P. Kriegel and X. Xu, TITLE = Density-Based Clustering in Spatial Databases The Algorithm GDBSCAN and Its Applications, JOURNAL = Data Mining, Knowledge Discovery, YEAR = 1998, volume = 2, pages = 169-194,

@ARTICLEIQR, AUTHOR = B. Bussian and M. Härdle, TITLE = Robust Smoothing Applied to White Noise and Single Outlier Contaminated Raman Spectra, JOURNAL = Applied Spectroscopy, YEAR = 1984, volume = 383, pages = 309-313,

@ARTICLEmulti, AUTHOR = P. Filzmoser and R. Garrett and C. Reimann, TITLE = Multivariate outlier detection in exploration geochemistry, JOURNAL = Computers and Geosciences, YEAR = 2005, volume = 31, pages = 579-587,

@ARTICLEIBL, AUTHOR = D. Aha and G. Kibler and M. K. Albert, TITLE = Instance-Based Learning Algorithms, JOURNAL = IEEE Transactions on Fuzzy Systems, YEAR = 1991, volume = 1, pages = 37-66,

@BOOKvapnik, AUTHOR = V. Vapnik, TITLE = The Nature of Statistical Learning Theory, PUBLISHER = Springer, YEAR = 1999,

@BOOK7f, AUTHOR = H. Zimmermann, TITLE = Fuzzy Set Theory and Its Applications, PUBLISHER = Kluwer Academic, YEAR = 1996,

@ARTICLEextension, AUTHOR = L. Zadeh, TITLE = The concept of a linguistic variable and its application to approximate reasoning, JOURNAL = Information Sciences, YEAR = 1975, volume = 9, pages = 43-80, @ARTICLElingui1, AUTHOR = R. Tong and P. Bonissone, TITLE = Linguistic approach to decision making with fuzzy sets, JOURNAL = IEEE Transactions on Systems, Man and Cybernetics, YEAR = 1980, volume = 10, pages = 716-723,

@ARTICLEgeno, AUTHOR = J Goguen, TITLE = L-fuzzy sets, JOURNAL = Journal of Mathematical Analysis and Applications, YEAR = 1967, volume = 18, pages = 145-174, @ARTICLEBOUTH, AUTHOR = D. Dubois and H. Prade, TITLE = The three semantics of fuzzy sets, JOURNAL = Fuzzy Sets and Systems, YEAR = 1997, volume = 90, pages = 141-150, @ARTICLEopera, AUTHOR = W. Silvert, TITLE = Symmetric summation: a class of operations on fuzzy sets, JOURNAL = IEEE Transactions on Systems, Man, and Cybernetics, YEAR = 1979, volume = 9, pages = 657-659, @ARTICLEzade, AUTHOR = L. Zadeh, TITLE = The birth and evolution of fuzzy logic, JOURNAL = International Journal of General Systems, YEAR = 1990, volume = 17, pages = 95-105, @ARTICLElogic, AUTHOR = L. Zadeh, TITLE = Knowledge representation in fuzzy logic, JOURNAL = IEEE Transactions on Knowledge and Data Engineering, YEAR = 1989, volume = 1, pages = 89-100,

@ARTICLEman, AUTHOR = E. Mamdani and S. Assilian, TITLE = An experiment in linguistic synthesis with a fuzzy logic controller, JOURNAL = International Journal of Man-Machine Studies, YEAR = 1975, volume = 51, pages = 1-13,

@ARTICLEmaxx, AUTHOR = Y. Kyosev and I. Reinbach, TITLE = Max-Product Fuzzy Relational Equations as Inference Engine for Prediction of Textile Yarn Properties, JOURNAL = Proceedings of the 9th International Conference on Computational Intelligence, Springer, CCI'2006, volume = Lecture Notes in Artificial Intelligence, 38, YEAR = 2006, pages = 18-20,

@ARTICLEsuumm, AUTHOR = M. Mizumoto, TITLE = Fuzzy controls by product-sum gravity-method, JOURNAL = Fuzzy Sets and Systems, YEAR = 1990, volume = 2, pages = 461-466,

@ARTICLEmaxvalu, AUTHOR = C. Lee, TITLE = Fuzzy logic in control systems: Fuzzy logic controller - Parts 1 and 2, JOURNAL = IEEE Transactions on Systems, Man and Cybernetics, YEAR = 1990, volume = 20, pages = 404-435,

@ARTICLEcent, AUTHOR = E. Broekhoven and B. Baets, TITLE = Fast and accurate center of gravity defuzzification of fuzzy system outputs defined on trapezoidal fuzzy partitions, JOURNAL = Fuzzy Sets and Systems, YEAR = 2006, volume = 157, pages = 904-918,

@ARTICLERSTDCA, author = Z. Chelly and Z. Elouedi, title = RST-DCA: A Dendritic Cell Algorithm Based on Rough Set Theory, JOURNAL = Proceedings of the 19th International Conference on Neural Information Processing, Springer, ICONIP'2012, volume = Lecture Notes in Computer Science, 7665, year = 2012, pages = 480-487,

@ARTICLERCDCA, author = Z. Chelly and Z. Elouedi, title = RC-DCA:A New Feature Selection and Signal Categorization Technique for the Dendritic Cell Algorithm Based on Rough Set Theory, JOURNAL =Proceedings of the 11th International Conference of Artificial Immune Systems, Springer, ICARIS'2012,

4

volume = Lecture Notes in Computer Science, 7597, year = 2012, pages = 152-165,

@ARTICLEQRDCA, AUTHOR = Z. Chelly and Z. Elouedi, TITLE = QR-DCA : A New Rough Data Pre-processing Approach for the Dendritic Cell Algorithm, JOURNAL = Proceedings of the 11th International Conference on Adaptive and Natural Computing Algorithms, Springer, ICANNGA'2013, volume = Lecture Notes in Computer Science, 7824, YEAR = 2013, pages = 140-150,

@ARTICLEFRST-DCA, AUTHOR = Z. Chelly and Z. Elouedi, TITLE = New Data Pre-processing Approach for the Dendritic Cell Algorithm Based on Fuzzy Rough Set Theory, JOURNAL = Proceedings of the Genetic and Evolutionary Computation Conference, ACM, GECCO'2013, YEAR = 2013, pages = 163-164,

@ARTICLEFLA-DCA, AUTHOR = Z. Chelly and Z. Elouedi, TITLE = Supporting Fuzzy-Rough Sets in the Dendritic Cell Algorithm Data Pre-processing Phase, JOURNAL = Proceedings of the 20th International Conference on Neural Information Processing, Springer, ICONIP'2013, volume = Lecture Notes in Computer Science, 8227, YEAR = 2013, pages = 164-171,

@ARTICLEFBR-DCA, AUTHOR = Z. Chelly and Z. Elouedi, TITLE = A Fuzzy-Rough Data Pre-processing Approach for the Dendritic Cell Classifier, JOURNAL = Proceedings of the 12th European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty, Springer, ECSQARU'2013, volume = Lecture Notes in Computer Science, 7958, YEAR = 2013, pages = 109-120,

@ARTICLEFDCM, AUTHOR = Z. Chelly and Z. Elouedi, TITLE = FDCM: A fuzzy dendritic cell method, JOURNAL = Proceedings of the 9th International Conference on Artificial Immune Systems, Springer, ICARIS'2010, volume = Lecture Notes in Computer Science, 6209, YEAR = 2010, pages = 102-115,

@ARTICLEMFDCM, author = Z. Chelly and Z. Elouedi, title = Further Exploration of the Fuzzy Dendritic Cell Method, JOURNAL = Proceedings of the 10th International Conference of Artificial Immune Systems, Springer, ICARIS'2011, volume = Lecture Notes in Computer Science, 6825, year = 2011, pages = 419-432,

@ARTICLECBR, author = A. Smiti and Z. Elouedi, title = Overview of Maintenance for Case based Reasoning Systems, JOURNAL = International Journal of Computer Applications, volume = 8, year = 2011, pages = 49-56,

@ARTICLECOIDFDCM, author = Z. Chelly and A. Smiti and Z. Elouedi, title = COID-FDCM: The Fuzzy Maintained Dendritic Cell Classification Method, JOURNAL = Proceedings of the 11th International Conference on Artificial Intelligence and Soft Computing, Springer, ICAISC'2012, volume = Lecture Notes in Computer Science, 7268, year = 2012, pages = 233-241,

@ARTICLEMFDCMcomp, AUTHOR = Z. Chelly and Z. Elouedi, TITLE = Hybridization Schemes of the Fuzzy Dendritic Cell Immune Binary Classifier based on Different Fuzzy Clustering Techniques, JOURNAL = New Generation Computing, Springer (To Appear), YEAR = 2015,

@ARTICLERST-FCDCM, AUTHOR = Z. Chelly and Z. Elouedi, TITLE = A New Hybrid Fuzzy-Rough Dendritic Cell Immune Classifier, JOURNAL = Proceedings of the 4th International Conference on Swarm Intelligence, Springer, IC-SI'2013, volume = Lecture Notes in Computer Science, 7928, YEAR = 2013, pages = 514-521,

@ARTICLEFRST-FCDCM, AUTHOR = Z. Chelly and Z. Elouedi, TITLE = Further Exploration of the Hybrid Fuzzy-Rough Dendritic Cell Immune Classifier, JOURNAL = Proceedings of the 4th International Conference on E-Health and Bioengineering, IEEE, EHB'2013, YEAR = 2013, pages = 1-4,

@BOOKclonaldescription, AUTHOR = J. Brownlee, TITLE = Clonal Selection Algorithms, PUBLISHER = Technical Report, Faculty of Information Communication Technology, Swinburne University of Technology Melbourne, Australia, YEAR = 2007,

@ARTICLERCFCDCM, AUTHOR = Z. Chelly and Z. Elouedi, TITLE = Further Exploration of the Hybrid Fuzzy-Rough Dendritic Cell Immune Classifier, JOURNAL = Proceedings of the 8th Hellenic Conference on Artificial Intelligence, Springer, SETN'2014, YEAR = 2014, volume = Lecture Notes in Computer Science, 8445, pages = 43-56, @ARTICLEFBR-FCDCM, AUTHOR = Z. Chelly and Z. Elouedi, TITLE = A Two-Leveled Hybrid Dendritic Cell Algorithm Under Imprecise Reasoning, JOURNAL = Proceedings of the Genetic and Evolutionary Computation Conference, ACM, GECCO'2014, YEAR = 2014, pages = 97-104, @ARTICLEFRST-DCAA, AUTHOR = Z. Chelly and Z. Elouedi, TITLE = Improving the Dendritic Cell Algorithm Performance using Fuzzy-Rough Set Theory as a Pattern Discovery Technique, JOURNAL

= Proceedings of the 5th International Conference on Innovations in Bio-Inspired Computing and Applications, Springer, IBICA'2014, YEAR = 2014, volume = Advances in Intelligent Systems and Computing, 303, pages = 23-32,

@BOOKbio, AUTHOR = A. Eiben and J. Smith., TITLE = Introduction to Evolutionary Computing, PUBLISHER = Natural Computing, YEAR = 2007,