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REFERENCES

- Ali, W. (2006). *Universite Laval: Multiagent Geosimulation*. Retrieved from Universite Laval: <http://theses.ulaval.ca/archimede/fichiers/23343/ch09.html>
- Ali, W., & Moulin, B. (2008). How artificial intelligent agents do shopping in a virtual mall: A ‘believable’ and ‘usable’ multiagent-based simulation of customers’ shopping behavior in a mall. *Springer*.
- Aziz, S. A., & Parthiban, J. (2013). *Department of Computing: Surprise 96 Journal on Fuzzy Logic*. Retrieved from Department of Computing: http://www.doc.ic.ac.uk/~nd/surprise_96/journal/vol4/sbaa/report.fuzrules.html
- Bailey, M. (2013). Consumer Profiles and Behavior in Australian Shopping Centers . *Retail Property Insights Vol. 20 Issue 1*, 4-11.
- Bajo, J., Paz, Y. D., Paz, J. D., Martin, Q., & Corchado, J. M. (2006). SMas: A Shopping Mall Multiagent System. *IDEAL*, 1166-1173.
- Batista, A. F. (2011). *Principles of Agent-Oriented Programming*. Winchester: InTech.
- Bazghandi, A. (2012). Techniques, Advantages, and Problems of Agent Based Modeling for Traffic Simulation. *IJCSI International Journal of Computer Science Issues, Vol 9, Issue 1, No. 3*, 115-119.
- Belohlavek, R., & Klir, G. (2011). *Concepts and Fuzzy Logic*. Cambridge: MIT Press.
- Bharathy, G., & Silverman, B. (2010). Validating Agent-Based Social Systems Models. *2010 Winter Simulation Conference* (pp. 441-453). Baltimore: MD.

Bilkent University. (2010, April 8). A Short Fuzzy Logic Tutorial. Ankara, Turkey: Bilkent University.

Briegel, H. J., & De Las Cuevas, G. (2012, March 21). *Nature Scientific Reports: Projective Simulation for Artificial Intelligence*. Retrieved from Nature Scientific Reports:

<http://www.nature.com/srep/2012/120515/srep00400/full/srep00400.html>

Britannica. (2013). *Social Science: Encyclopedia of Britannica*. Retrieved from Britannica: <http://global.britannica.com/EBchecked/topic/551385/social-science>

Cassandra, A. R. (2009). *Partially Observable Markov Decision Processes: Introduction*. Retrieved from Partially Observable Markov Decision Processes: <http://pomdp.org/tutorial/mdp.shtml>

Chan, W. K., Son, Y.-J., & Macal, C. M. (2010). Agent-Based Simulation Tutorial - Simulation of Emergent Behavior and Differences between Agent-Based Simulation and Discrete-Event Simulation. *Proceedings of the 2010 Winter Simulation Conference* (pp. 135-150). Baltimore: IEEE.

Chopra, A. K., & Singh, M. P. (2009). An Architecture for Multiagent Systems: An Approach Based on Commitments. *An Architecture for Multiagent Systems: An Approach Based on Commitments*. Budapest, Hungary: Springer.

Davidsson, P. (2013). Multi Agent Based Simulation: Beyond Social Science. *CiteSeerX*, 2-3.

Dijkstra, J. (2002). Towards a Multi-Agent System for Visualizing Simulated Human Behavior within the Built Environment.

Djennas, M., Benbouziane, M., & Djennas, M. (2012). Agent-Based Modeling In Supply Chain Management: A Genetic Algorithm And Fuzzy Logic

- Approach. *International Journal of Artificial Intelligence & Application Vol. 3 No. 5*, 13-30.
- Doshi-Velez, F. (2010). The Infinite Partially Observable Markov Decision Processing. Cambridge, United Kingdom: University of Cambridge.
- Edmonds, B. (2011). *University of Manchester: Research methods*. Retrieved from University of Manchester:
<http://www.methods.manchester.ac.uk/methods/abss/>
- Erranki, R. (2002). *MIT Education Tutorials: Pathfinding using A**. Retrieved from MIT Education Tutorials: <http://web.mit.edu/eranki/www/tutorials/search/>
- Figueredo, G. P., Joshi, T. V., Osborne, J. M., Byrne, H. M., & Owen, M. R. (2013). *On-Lattice Agent-Based Simulation of Populations of Cells Within Open-Source Chaste Framework*. London: Royal Society Publishing - Interface Focus.
- Foudil, C., Noureddine, D., Sanza, C., & Duthen, Y. (2009). Path finding and Collision Avoidance in Crowd Simulation. *Journal of Computing and Information Technology*, 217-228.
- Fulton School of Engineering. (2004). *Fulton School of Engineering Powerzone: Fuzzy Rules and Implications*. Retrieved from Fulton School of Engineering Powerzone:
<http://enpub.fulton.asu.edu/powerzone/fuzzylogic/chapter%205/frame5.htm>
- Ghani, U., & Jan, F. A. (2010). An Exploratory Study of the Impulse Buying Behavior of Urban Consumers. *International Conference on Business and Economic Research*, 157-159.

- Gilbert, N., & Troitzsch, K. G. (2005). Simulation for the Social Scientist. In N. Gilbert, & K. G. Troitzsch, *Simulation for the Social Scientist* (pp. 10-13). Berkshire: Open University Press.
- Glass, K. (2013). *Coke and Code: Path-finding on Tile-Based Maps*. Retrieved from Coke and Code: <http://www.cokeandcode.com/main/tutorials/path-finding/>
- Guerra-Hernandez, A., El Fallah-Seghrouchni, A., & Soldano, H. (2005). Learning in BDI Multi-agent Systems. *Learning in BDI Multi-agent Systems*. Springer.
- Hasselt, H. V. (2011). *Hado Van Hasselt publications: MDP in continuous space*. Retrieved from Hado Van Hasselt publications:
http://homepages.cwi.nl/~hasselt/papers/RL_in_Continuous_Spaces/Introduction.html
- Hexmoor, H., Venkata, S., & Hayes, D. (2006). Modeling Social Norms in Multi-Agent System. *Journal of Experimental and Theoretical Artificial Intelligence*, Vol. 18, No. 1, 49-71.
- Hollander, C. D., & Wu, A. S. (2011, March 31). *Journal of Artificial Societies and Social Simulation: The Current State of Normative Agent-Based Systems*. Retrieved from Journal of Artificial Societies and Social Simulation:
<http://jasss.soc.surrey.ac.uk/14/2/6.html>
- Hu, H., & Jasper, C. R. (2007). A Qualitative Study of Mall Shopping Behaviors of Mature Consumers. *Journal of Shopping Center Research*, 17-38.
- ICSC. (2013). *International Council of Shopping Centers: Shopping Center definition*. Retrieved from International Council of Shopping Centers:
<http://www.icsc.org/research/references/c-shopping-center-definitions>

- Ilieva, G. (2011). Decision Making Methods in Agent Based Modeling. *Proceedings of the Workshop on Applications of Software Agents* (pp. 8-17). Plovdiv: Lithuanian Academy of Sciences.
- Jaafar, J., & McKenzie, E. (2011). Decision Making Method using Fuzzy Logic for Autonomous Agent Navigation. *Electronic Journal of Computer Science and Information Technology Vol 3 No. 1*, 8-18.
- Jagli, D., T., M., Mahalingam, S., & Ojha, N. (2012). The Application of Cause Effect Graph For the College Placement Process. *International Journal of Software Engineering & Applications Vol 3, No. 6*, 77-85.
- Jantzen, J. (2008). *Tutorial On Fuzzy Logic*. Oersted: Technical University of Denmark.
- Kaufman, M. (2010). Local Decision-Making in Multi-Agent. *Local Decision-Making in Multi-Agent*. Oxford, England, United Kingdom: University of Oxford.
- Khan, M. Y., & Zafar, S. T. (2011). A study of Buying Behavior and Brand Perception of Consumers in Shopping Malls. *VSRD International Journal of Business & Management Research*, 348-361.
- Kotze, T., North, E., Stols, M., & Venter, L. (2012). *Gender Differences in Sources of Shopping Enjoyment*. Pretoria: University of Pretoria.
- Krumme, C., Cebrian, M., & Pentland, A. (2010). Patterns of Individual Shopping Behavior. *Cornell University Library*.
- Leondes, C. T. (2010). Intelligent Knowledge-based Systems. In C. T. Leondes, *Intelligent Knowledge-based Systems* (p. 114). New York: Springer.

- Marks, R. E. (2012). Analysis and Synthesis: Multi-Agent Systems in the Social Sciences. *The Knowledge Engineering Review, Volume 27, Special Issue 02*, 123-136.
- McHaney, R. (2009). *Understanding Computer Simulation*. Frederiksberg: Ventus Publishing.
- Mitre.org. (2012). *Mitre Publications: Verification and Validation of Simulation Models*. Retrieved from Mitre: <http://www.mitre.org/publications/systems-engineering-guide/se-lifecycle-building-blocks/other-se-lifecycle-building-blocks-articles/verification-and-validation-of-simulation-models>
- MMSCO. (2001). *Modeling and Simulation Coordination Office: Informal V&V Techniques*. Retrieved from Modeling and Simulation Coordination Office: http://www.msco.mil/VVA_RPG.html
- Mogyorodi, G. E. (2010). *Software Testing Services: Requirements-based Testing*. Retrieved from Software Testing Services: http://softtestserv.ca/RBT_Cause-Effect_Graphing2.pdf
- Munchow, S. (2012). *Crowd Simulation Regarding Social Group Behavior*. Retrieved from Andere Inhalte des Departments Informatik: Master Seminar: <http://users.informatik.haw-hamburg.de/~ubicomp/projekte/master12-13-seminar/muenchow/folien.pdf>
- Orriols-Puig, A. d. (2009). Unsupervised Learning of Fuzzy Association Rules for Consumer Behaviour Modelling. *Mathware and Soft-Computing 16 : 1*, 29-43.
- Oubatti, M. (2012, March 7). Intelligent Agents' decision making. Bochum, Germany.

- Patel, A. (2013). *Amit Patel: Introduction to A**. Retrieved from Stanford Theory: Game Programming:
<http://theory.stanford.edu/~amitp/GameProgramming/AStarComparison.html>
- PEB. (2004). *National Institutes of Standards and Technology: Euclidean Distance*. Retrieved from National Institutes of Standards and Technology:
<http://xlinux.nist.gov/dads//HTML/euclidndstnc.html>
- Poole, D., & Mackworth, A. (2010). *Artificial Intelligence: Acting With Reasoning*. Retrieved from Artificial Intelligence, Foundations of Computational Agents:
http://artint.info/html/ArtInt_40.html
- Pullum, L. L., & Cui, X. (2012). Techniques and Issues in Agent-Based Modeling Validation. *Techniques and Issues in Agent-Based Modeling Validation*. US: UT-Battelle.
- Pulo, K. (2000). *Kevin Pulo: Fuzzy Rules*. Retrieved from Kevin Pulo Website:
http://www.kev.pulo.com.au/ai/fuzzyml_report/node3.html
- Rauh, J., Schenk, T. A., & Schrodl, D. (2012). The Simulated Environment - An Agent-Based Approach to Shopping Behavior. *Erdkunde Vol 66 No 1*, 13-25.
- Rens, G. (2010, February). A Belief-Desire-Intention Architecture with a Logic-Based Planner for Agents in Stochastic Domains. *A Belief-Desire-Intention Architecture with a Logic-Based Planner for Agents in Stochastic Domains*. Pretoria: University of South Africa.
- Ross, S., Pineau, J., Chaib-draa, B., & Kreitmann, P. (2011). A Bayesian Approach for Learning and Planning in Partially Observable Markov Decision Processes. *Journal of Machine Learning Research 12*, 1729-1770.
- Ross, T. J. (2010). *Fuzzy Logic with Engineering Applications*. West Sussex: Wiley.

- Sadeghi, T., & Bijandi, F. (2011). The Effect of Shopping Mall Environment on Shopping Behavior under a Model. *Middle-East Journal of Scientific Research* 8, 566-574.
- Schreinemachers, P., & Berger, T. (2011). An Agent-Based Simulation Model of Human Interaction in Agricultural System. *Environmental Modelling & Software*, Vol. 26, Issue 7, 845-859.
- Shapiro, S., Sardina, S., Thangarajah, J., Cavedon, L., & Padgham, L. (2012). Revising Conflicting Intention Sets in BDI Agents. *Proceedings of the 11th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2012)*. Valencia: International Foundation for Autonomous Agents and Multiagent Systems.
- Stillerman, J., & Salcedo, R. (2012). Transposing the Urban to the Mall: Routes, Relationships, and Resistance in Two Santiago, Chile, Shopping Centers. *Journal of Contemporary Ethnography* 41 : 309, 309-310.
- Teahan, W. J. (2010). *Artificial Intelligence - Agent Behavior*. London: BookBoon.
- Tudor, B. M., Andrei, T. T., & Mihai, T. (2011). Norm Emergence in Multi-Agent Systems Based on Social Interactions. *Computer Science Master Research Vol 1, No. 1*, 12-24.
- Wang, S. H. (2012). *Wolfram Demonstration: Flocking Behavior*. Retrieved from Wolfram Demonstration:
<http://demonstrations.wolfram.com/BoidsSimulatedFlockingBehavior/>
- weADAPT. (2011, March 30). *weAdapt Knowledge Base: Agent-Based Modeling*. Retrieved from weAdapt: <http://weadapt.org/knowledge-base/adaptation-decision-making/Agent-based-modelling>

- Wilensky, U. (1998). *NetLogo Flocking Model*. Retrieved from Center for Connected Learning and Computer-Based Modeling:
<http://ccl.northwestern.edu/netlogo/models/Flocking>
- Wilson. (2009). *JASSS Review: Epistemological Aspects of Computer Simulation in the Social Sciences*. Retrieved from JASSS:
<http://jasss.soc.surrey.ac.uk/12/4/reviews/wilson.html>
- Winsberg, E. (2013, May 6). *Computer Simulation in Science: Stanford Encyclopedia of Philosophy*. Retrieved from Stanford Encyclopedia of Philosophy:
<http://plato.stanford.edu/entries/simulations-science/>
- Wolski, J. (n.d.). *Office of Research Service: Computer Modelling and Simulation*. Retrieved from Office of Research Service:
<http://www.ors.od.nih.gov/OD/OQM/cms/Pages/default.aspx>
- Xiang, X., Kennedy, R., & Madey, G. (2005). Verification and Validation of Agent-based Scientific Simulation Models. *Agent-Directed Simulation Conference*, (pp. 47-55). San Diego.

