

References

- [1] Grigore C. Burdea and Philippe Coiffet. *Virtual Reality Technology*. John Wiley & Sons, Inc., New York, NY, USA, 2003.
- [2] Gustave Le Bon. *The Crowd: A Study of the Popular Mind*. 1895.
- [3] B. G. Silverman, M. Johns, J. Cornwell, and K. O'Brien. Human behavior models for agents in simulators and games: Part i: Enabling science with pmfserv. *Presence*, 15(2):139 – 162, 2006.
- [4] Aaron Sloman. Beyond shallow models of emotion. In *Cognitive Processing: International Quarterly of Cognitive Science*, pages 177–198, 2001.
- [5] Pattie Maes. The agent network architecture (ana). *SIGART Bull.*, 2(4):115–120, 1991.
- [6] Paul R. Kleinginna and Anne M. Kleinginna. A categorized list of emotion definitions, with suggestions for a consensual definition. *Motivation and Emotion*, 5(4):345–379, 1981.
- [7] J. E. Ledoux. Emotion, memory and the brain. *Scientific American*, 270(6):50–57, 1994.
- [8] Jonathan Gratch and Stacy Marsella. A domain-independent framework for modeling emotion. *Cognitive Systems Research*, 5(4):269–306, 2004.
- [9] H. Van Dyke Parunak, Robert Bisson, Sven Brueckner, Robert Matthews, and John Sauter. A model of emotions for situated agents. In *AAMAS '06: Proceedings of the fifth international joint conference on Autonomous agents and multiagent systems*, pages 993–995, New York, NY, USA, 2006. ACM.
- [10] Andrew Ortony, Gerald L. Clore, and Allan Collins. *The Cognitive Structure of Emotions*. Cambridge University Press, July 1988.
- [11] Anand S. Rao and Michael P. Georgeff. Modeling rational agents within a BDI-architecture. In James Allen, Richard Fikes, and Erik Sandewall, editors, *Proceedings of the 2nd International Conference on Principles of Knowledge Representation and Reasoning (KR'91)*, pages 473–484. Morgan Kaufmann publishers Inc.: San Mateo, CA, USA, April 1991.
- [12] Afsaneh Haddadi and Kurt Sundermeyer. Belief-desire-intention agent architectures. pages 169–185, 1996.
- [13] Hong Jiang, Jose M. Vidal, and Michael N. Huhns. Ebd: an architecture for emotional agents. In *AAMAS '07: Proceedings of the 6th international joint conference on Autonomous agents and multiagent systems*, pages 1–3, New York, NY, USA, 2007. ACM.
- [14] L A Zadeh. Fuzzy sets. *Information and Control*, 8:338–353, 1965.
- [15] W. Scott Reilly, Jaime Carbonell, Reid Simmons, W. Scott, W. Scott, Neal Reilly, and Neal Reilly. Believable social and emotional agents, 1996.
- [16] Magy Seif El-Nasr, John Yen, and Thomas R. Ioerger. Flame - fuzzy logic adaptive model of emotions authors, 2000.
- [17] Didier Dubois and Henri Prade. What are fuzzy rules and how to use them. *Fuzzy Sets and Systems*, 84(2):169–185, 1996.
- [18] E H Mamdani and S Assilian. An experiment in linguistic synthesis with a fuzzy logic controller. *International journal on man-machine studies*, 7:1–13, 1975.
- [19] Didier Dubois and Henri Prade. Fuzzy rules in knowledge-based systems - Modelling gradeness, uncertainty and preference. In R.R. Yager and L.A. Zadeh, editors, *An Introduction to Fuzzy Logic Applications in Intelligent Systems*, pages 45–68. Kluwer Acad. Publ., 1992. DP179.
- [20] PG Gipps. A behavioural car-following model for computer simulation. *Transportation Research Part B: Methodological*, 15(2):105–111, 1981.
- [21] P.G. Gipps. A model for the structure of lane-changing decisions. *Transportation Research Part B: Methodological*, 20(5):403–414, 1986.
- [22] M. Brackstone and M. McDonald. Car-following: a historical review. *Transportation Research Part F: Traffic Psychology and Behaviour*, 2(4):181–196, 1999.
- [23] A. Doniec, R. Mandiau, S. Piechowiak, and S. Espié. A behavioral multi-agent model for road traffic simulation. *Engineering Applications of Artificial Intelligence*, 21(8):1443–1454, 2008.
- [24] J. Wu, M. Brackstone, and M. McDonald. Fuzzy sets and systems for a motorway microscopic simulation model. *Fuzzy sets and systems*, 116(1):65–76, 2000.
- [25] S. Peeta, P. Zhang, and W. Zhou. Behavior-based analysis of freeway car-truck interactions and related mitigation strategies. *Transportation Research Part B*, 39(5):417–451, 2005.
- [26] Laurent Ughetto, Didier Dubois, and Henri Prade. Implicative and conjunctive fuzzy rules - A tool for reasoning from knowledge and examples. In *AAAI-99, Orlando, Floride (USA)*, pages 214–219, California, 1999. AAAI Press/The MIT Press.
- [27] Erich Peter Klement, Radko Mesiar, and Endre Pap. *Triangular norms*. Kluwer academic publishers, 2000.
- [28] Hazaël Jones, Brigitte Charnomordic, Didier Dubois, and Serge Guillaume. Practical inference with systems of gradual implicative rules. *IEEE Transactions on Fuzzy Systems*, <http://www.ieee.org/>, 17:61–78, 2009.