

Gavin Finnie – Recent Publication List

Journals:

Sun, Zhaohao and Finnie,G.R., "A Fuzzy Logic Approach to Experience-Based Reasoning", International Journal of Intelligent Systems, accepted for publication, 2006

Sun, Zhaohao, Finnie, G.R. and Weber, K "Abductive Case-Based Reasoning" International Journal of Intelligent Systems, Volume 20, no 9, 2005, pp.957-983.

Finnie G.R and Sun Z. "A Unified Logical model for CBR-based e-commerce systems" Int J Intelligent Systems, vol 20(1),January 2005, pp29-46.

Sun, Zhaohao, Finnie, G.R. and Weber, K "Case Base Building with Similarity Relations" Information Sciences: An International Journal, Vol 165/1-2,2004, pp 21-43.

Finnie, G.R. and Sun, Zhaohao "A Logical Foundation for the Case-Based reasoning Cycle" International Journal of Intelligent Systems, Volume 18, no 4, 2003, pp.367-382.

Sun, Zhaohao and Finnie,G.R. "Fuzzy Rule-Based Models for Case Retrieval" Journal of Engineering Intelligent Systems, 4, 2002, pp 213-224.

Finnie, G.R. and Sun, Zhaohao, "R5 Model for Case-based Reasoning", Knowledge-Based Systems, vol 16(1), 2003, pp 59-65

Finnie, G.R. and Sun, Zhaohao "Similarity and Metrics in Case-Based Reasoning" International Journal of Intelligent Systems, Volume 17, issue 3, 2002, pp 273-287.

Conferences

Gavin Finnie, Hong Shi and Jeff Barker, U-Commerce and Trust in Digital Ecosystems, IEEE Dest 2007 Inaugural IEEE International Conference on Digital Ecosystems and Technologies, Cairns, Australia, Feb 21-23, 2007

Vanstone, B. and G. Finnie, Combining Technical Analysis and Neural Networks in the Australian Stockmarket. 10th IASTED International Conference on Artificial Intelligence and Soft Computing (ASC2006), Palma de Mallorca, 2006.

Sun Z, Finnie G, A Unified 2D Representation of Fuzzy Reasoning, CBR and Experience Based Reasoning, 10th International Conference on Knowledge-Based & Intelligent Information & Engineering Systems, Bournemouth, UK, 2006.

Gavin Finnie, Zhaohao Sun, Jeff Barker (2005) Trust and Deception in Multi-agent Trading Systems: A Logical Viewpoint, In: N.C. Romano, Jr (ed) Proc. 11th Americas Information Systems (AMCIS2005), The Association for Information Systems, Aug 11-14, 2005 Omaha, NE, USA, pp. 1020-1026

Vanstone,B. , Finnie,G. and Tan,C. "Evaluating the application of Neural Networks and Fundamental Analysis in the Australian Stockmarket", IASTED International Conference on Computational Intelligence (CI 2005), July 04 to July 06, 2005, Calgary, Canada.

Sun Z, Finnie G. (2005) MEBRS: A Multiagent Architecture for an Experience Based Reasoning System. In: Khosla R, Howlett RJ, Jain LC (eds) *Knowledge-Based Intelligent Information and Engineering Systems: 9th Intl Conf KES2005*, Melbourne, Australia, September 14-16, 2005, Proceedings, Part I, LNAI 3681, Springer-Verlag, Berlin Heidelberg 2005, pp. 972-978

Sun Z, Finnie G. (2005) Experience Management In Knowledge Management, In: Khosla R, Howlett RJ, Jain LC (eds) *Knowledge-Based Intelligent Information and Engineering Systems: 9th Intl Conf KES2005*, Melbourne, Australia, September 14-16, 2005, Proc, Part I, LNAI 3681, Springer-Verlag, Berlin Heidelberg 2005, pp. 979-986

Zhaohao Sun, Gavin Finnie, Junqing Sun "Four New Fuzzy Inference Rules for Experience Based Reasoning", 11th World Congress of the International Fuzzy Systems Association (IFSA 2005), Beijing, July 28-31 2005. In: Yingming Liu,Guoqing Chen, Mingsheng Ying (eds) *Fuzzy Logic, Soft Computing and Computational Intelligence (IFSA2005)*, Beijing: Tsinghua-Springer, pp.188-193

Finnie, G. and Barker, J. (2005) "Real-Time Business Intelligence in Multi-Agent Adaptive Supply Networks", Proceedings of the 2005 IEEE Conference on e-Technology, e-Commerce and e-Service (EEE 2005), Hong Kong, March 29-April 1, pp218-221.

Barker J.R., and Finnie G., *Updating the Supply Chain using Dynamic Information*, International Fed'n of Purchasing and Materials Management Asia-Pacific Conference, Perth, Australia, November 8 - 11, 2004.

Sun Z, Finnie G (2004) Experience based reasoning for recognising fraud and deception. In: *Proc. Inter Conf on Hybrid Intelligent Systems (HIS 2004)*, December 6-8, Kitakyushu, Japan, IEEE Press, pp. 80-85

Vanstone B, Finnie G, Tan C, "Applying Fundamental Analysis and Neural Networks in the Australian Stockmarket", International conference on Artificial Intelligence in Science and Technology (AISAT 2004), Hobart, Tasmania, 21-25 November 2004

Vanstone, B., Finnie, G.R and Tan,C. "Enhancing Security Selection in the Australian Stockmarket using Fundamental Analysis and Neural Networks", IASTED International Conference on Artificial Intelligence and Soft Computing (ASC2004), September 1-3, 2004, Marbella,Spain.

Barker J.R., and Finnie G., "Updating the Supply Chain using Dynamic Information", International Fed'n of Purchasing and Materials Management Asia-Pacific Conference, Perth, Australia,November 8 - 11, 2004.

Barker J.R., and Finnie G., "A Model for Global Material Management using Dynamic Information", Americas Conference on Information Systems, New York, USA, August 5 – 8, 2004.

Finnie G, and Barker J.R., "Learning Agents For Dynamic Supply Network Management", Americas Conference on Information Systems, New York, USA, August 5 – 8, 2004.

Finnie G, Barker J.R. and Sun Z., "A Multi-agent Model for Cooperation and Negotiation in Supply Networks", Americas Conference on Information Systems, New York, USA, August 5 – 8, 2004.

Barker J.R., and Finnie G., "Evolving Platforms for Process Integration in Supply Networks", Twelfth COLLECTeR Workshop on eCommerce, Adelaide, South Australia, May 7 - 8, 2004.

Finnie, G. and Barker,J. " Adaptive Agents For Supply Networks", Proceedings of the 6th International Conference on Enterprise Information Systems (ICEIS 2004), Porto - Portugal , April 14-17, 2004

Finnie, G. and Remoy, L. "National Differences in Perceptions of Mobile Commerce and Mobile Marketing", 14th Australasian Conference on Information Systems (ACIS'2003), Perth, 27-29 November, 2003.