

Selected Publications

https://en.wikipedia.org/wiki/Ripple-down_rules

https://en.wikipedia.org/wiki/Expert_system

Compton, P., Horn, K. A., Lazarus, L. and Quinlan J.R. "Automated Interpretation of Endocrine Laboratory Reports." Proc. South Pacific Cong. Med. Lab Sci. 1986.

Compton, P.J., Horn, K., Quinlan J.R., Lazarus, L. and Ho, K., "Maintaining an Expert System," in Proceedings of Fourth Australian Conference on Applications of Expert Systems, 1988.

Chesher, G., Dauncey, H., Crawford, J. and Horn, K. "The Interaction Between Alcohol and Marijuana, a Dose Dependent Study on Human Moods and Performance Skills." Dpt. of Transport, Federal Office of Road Safety. Psychopharmacology Research Unit. Dpt. of Pharmacology University of Sydney. Jan 1986.

Harries, M., Horn, K., & Sammut, C. (1998). Learning in Time Ordered Domains with Hidden Changes in Context. AAAI Workshop: Predicting the Future: AI Approaches to Time-Series Analysis, Madison, July 1998.

Harries, M., Sammut, C., & Horn, K. (1998). Extracting Hidden Context. Machine Learning, 32(2), August 1998.

Harries, M., & Horn, K. (1998). Learning Stable Concepts in a Changing World. In G. Antoniou, A. Ghose, and M. Trucszinski (Eds), LNAI 1359: Learning and reasoning with complex representations, Springer Verlag.

Harries, M., & Horn, K. (1997). Learning Stable Concepts by Clustering on Context. Poster-Proceedings of the Tenth Australian Joint Conference on Artificial Intelligence. 1997. Editor Abdul Sattar

Harries, M., and Horn, K. A., "Detecting Concept Drift in Financial Time Series Prediction Using Symbolic Machine Learning." Proceedings of the Eighth Australian Joint Conference on Artificial Intelligence. 1995. Editor Xin Yao, World Scientific, New York

Harries, M & Horn, K, "Learning stable concepts in domains with hidden changes in context", International Conference on Machine Learning ICML-96: Workshop: Learning in context-sensitive domains, 1996.

Harries, M., and Horn, K. A., "Learning stable concepts in a changing world." PRICAI-96 Workshop: Inducing Complex Representations. 1996.

Harries, M., Sammut, C., & Horn, K. (1997). Extracting Hidden Context, Technical report UNSW-CSE-TR-9708, School of Computer Science and Engineering, University of NSW.

- Horn, K., Beri, V & Hume, D. (1997). INQMS: "An International Network Quality Management System. A system to facilitate TQM in Telecommunications". Poster-Proceedings of the Tenth Australian Joint Conference on Artificial Intelligence. 1997. Editor Abdul Sattar
- Horn, K. A., "RD-ID3: A System for Monotonic Knowledge Acquisition and Maintenance Employing Induction in Context", Telstra International Research and Development Technical Report, February 1993.
- Horn, K. A., "Evolution of Medical Expert Systems", Proceedings of RACGP 6th Computer Conference, Sydney, Australia, 1990.
- Horn, K. A., "Knowledge Acquisition and Maintenance of Expert Systems." Proceedings of 1st Financial Expert Systems Conference, Sydney, Australia, 1989.
- Horn, K. A. & Fung, M. "Knowledge Acquisition." Digital Equipment Corporation Technical Report, Australia, 1989.
- Horn, K. A., Brown, M. and Lo, I. "Adviser: A Manufacturing Diagnostic Expert System. The use of Causal Modelling for Fault Finding. A Preliminary Report." Proceedings of the Fourth Australian Conference on The Applications of Expert Systems.1986. (In "Applications of Expert Systems", Quinlan R. (ed), Addison Wesley).
- Horn, K. A., Lo, I. and Albert, K. "Adviser-M: A Causal Model for Fault Finding. A progress Report." Proceedings of the Fifth Australian Conference on The Applications of Expert Systems.1986. (In "Applications of Expert Systems", Quinlan R. (ed), Addison Wesley).
- Horn, K. A., Compton, P., Lazarus, L. and Quinlan J.R. "An Expert System for the Interpretation of Thyroid Assays in A Clinical Laboratory." The Australian Computer Journal, 17, February 1985, pp 7-11.
- Horn, K. A., Compton, P., Lazarus, L. and Quinlan J.R. "Interpretative Diagnostic Assay Reports Using An 'Expert System'." Clin. Biochem. Revs 1984; 5:83
- Horn, K. A., Compton, P., Quinlan J.R, Stuart M.C. and Lazarus, L. "An Expert System Approach to Interpretative Lab Reports "Proc. 3rd Asian Pacific Congress of Clinical Biochemistry.1985; :100
- Levy, F., Horn, K. and Dalglish, R. "Relation of Attention Deficit and Conduct Disorder to Vigilance and Reading Lag." Australian and New Zealand Journal of Psychiatry. 1987, 21(2), pp 242-5
- Quinlan, J.R., Compton, P., Horn, K. and Lazarus, L. "Inductive Knowledge Acquisition: A Case Study" In Applications of Expert Systems. Quinlan J.R. (ed) Addison Wesley (1986)
- Quinlan, J.R., Compton, P., Horn, K. and Lazarus, L. "Quicker Slicker Expert System Development.", Clin. Chem. Rev 1987 8(4):130
- Westbrook, R.F., Homewood, J., Horn, K. and Clarke, K.E. "Flavour-odour compound conditioning: Odour potentiation and flavour- attenuation." Quarterly Journal of Experimental Psychology, 1983, 35b, pp13-33.