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Education

- PhD, Computer and Information Science , Polytechnic University, USA, 1996/6
- Master, Department of Computer and Information Science, Polytechnic University, USA, 1991/6

Area of Specialty

Rough set theory, data mining, genetic algorithms, distributed computing.

Academic Experience

- Associate Professor, Department of Information Management, Southern Taiwan University of Science and Technology, 2010/8 to present
- Associate Professor, Department of International Business, Southern Taiwan University of Science and Technology, 1996/8 to 2010/7

Publications

Journal Papers:

1. Pai-Chou Wang, Highly scalable rough set reducts generation, Journal of Information Science and Engineering (Engineering, Vol. 23 (4), pp. 1281-1298, 2007 (SCI).

Conference Papers:

1. Pai-Chou Wang, Efficient Hash-Based Approximate Reduct Generation, IEEE 2011 International Conference on Granular Computing, Kaohsiung, Taiwan, pp.703-707, 2011
2. Pai-Chou Wang, Generate (F,ε)-Dynamic Reduct Using Cascading Hashes, in Yu, J. et al. (Eds): The 5th International Conference on Rough Set and Knowledge Technology, Beijing, China, Lecture Notes in Computer Science, Vol. 6401,PP. 62-69, 2010.
3. Pai-Chou Wang, Hsien-Kuang Chiou, Two-Phase β-Certain Reducts Generation, in J. T. Yao et al. (Eds): RSKT 2007, Toronto, Canada, Lecture Notes in Computer Science, Vol. 4481, pp. 387-394, 2007.
4. Pai-Chou Wang,Willard Kordhage, "Processing Scheduling using Genetic Algorithms" IEEE 7thSymposium on Parallel & Distributed Processing 1995, p.638-641

Dissertation

Wang, Pai-Chou (1996) "*Matrix Genome Encoding for Genetic Algorithms*," Ph.D. Dissertation, Polytechnic University, USA

Honors and Awards

- 2010 College Student Research and Creativity Award, National Science Council, Taiwan, ROC.

Professional Certifications

- *Microsoft Technology Associtae: Database Administration Fundamentals*, Microsoft, 2011/4
- *Microsoft Technology Associtae: Networking Fundamentals*, Microsoft, 2011/4