

Courses

Fault-Tolerant Systems

Network Security

Database Systems

Programming Languages

Research

Journals

M. Abadi and S. Jalili. "A Particle Swarm Optimization Algorithm for Minimization Analysis of Cost-Sensitive Attack Graphs," *The ISC International Journal of Information Security (ISecure)*, vol. 2, no. 1, pp. 13-32, January 2010.

M. Abadi and S. Jalili. "Minimization Analysis of Network Attack Graphs Using Genetic Algorithms," *International Journal of Computers and Their Applications (IJCA)*, vol. 14, no. 4, pp. 263-273, December 2008.

M. Abadi and S. Jalili. "An Ant Colony Optimization Algorithm for Network Vulnerability Analysis," *Iranian Journal of Electrical & Electronic Engineering (IJEET)*, vol. 2, no. 3 & 4, pp. 106-120, July 2006.

Conference Publications

P. Mahdabi, M. Abadi, and S. Jalili. "A Novel Quantum-Inspired Evolutionary Algorithm for Solving Combinatorial Optimization Problems," In *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO 2009)*, ACM Press, Montréal, Québec, Canada, July 2009.

M. Abadi and S. Jalili. "Network Intrusion Detection Using One-Class Classifiers," In *Proceedings of the 3rd International Symposium on Telecommunications (IST 2005)*, Shiraz, Iran, September 2005.

M. Abadi, B. Sadeghiyan, and A. Ghaemi. "A Genetic Algorithm for Finding High-Probable Differential Characteristics of Substitution-Permutation Networks," In *Proceedings of the 3rd International Symposium on Telecommunications (IST 2005)*, Shiraz, Iran, September 2005.