Buthainah AL-Kazemi - 2024

❶ **Name & Rank:** Buthainah Sabeeh Noman AL-Kazemi, Assistant Professor.

❷ **Education**

Degree	Discipline	Institution	Year
Ph.D.	Computer Engineering	Syracuse University	2002
M.Sc	Computer Engineering	Syracuse University	1998
B.Sc	Computer Engineering	Kuwait University	1996

❸ **Academic Experience**

Institution	Designation	Year/Period	FT/PT
Kuwait University	Assistant Professor	2002	FT

❹ **Non-Academic Experience:**

Organization	Designation	Year/Period	FT/PT
Computer Engineering, Syracuse University	Graduate Scholar	Aug, 1997 - May, 2002	FT
Dept. of Electrical and Computer Engineering	Lab Engineer	1996 - 1997	FT

❺ **Certifications / professional registrations**
- Certificate for attending "Enriching Research Using Artificial Intelligence" program offered by HKUST Business School through KFAS. October 7-9, 2023.

❻ **Membership in Professional Organization:** None

❼ **Honors and Awards:**
- IEEE NNS, Student Travel Grant, 2002.
- Graduate Scholarship, From Kuwait University, 1997 - 2002.

❾ **Publications and Presentations (from past five years):**
1. Ahmad, Imtiaz, Buthainah Al-Kazemi, and A. Shoba Das. "An Efficient Algorithm to Find Broadcast Schedule in Ad Hoc TDMA Networks." Journal of Computer Systems, Networks, & Communications, January 2008.

2. Buthainah S. Al-Kazemi, Sami J. Habib, "Internal behavior analysis of GA and PSO using problem-specific distance functions", Kuwait journal of Science and Engineering, December 2007.

3. Buthainah S. Al-Kazemi, Sami J. Habib, "Internal Behavior Analysis of PSO to Predict Ability of Solving Problems", WSEAS Transaction on Information Science and Applications, September 2006.

4. Buthainah S. Al-Kazemi, Sami J. Habib, "Complexity analysis of problem-dimension using PSO." Proceedings of the 7th WSEAS International Conference on Evolutionary Computing. 2006.

5. Buthainah S. Al-Kazemi, "Velocity analysis for particle swarm optimization." WSEAS Transactions on Information Science and Applications. April 2006.

6. Buthainah S. Al-kazemi, "Multi-speed particle swarm optimization." Proceedings of the 5th WSEAS International Conference on Artificial Intelligence, Knowledge Engineering and Data Bases. February 2006.

7. Sami Habib and Buthainah Al-kazemi, "Comparative Study between the internal behavior of GA and PSO Through Problem-Specific Distance Functions", Congress on Evolutionary Computation, Edinburgh, Scotland, 2005.

8. Al-kazemi, B., Mohan, C. Discrete Multi-Phase Particle Swarm Optimization. In: Wu, X., Jain, L., Graña, M., Duro, R.J., d'Anjou, A., Wang, P.P. (eds) Book title: Information Processing with Evolutionary Algorithms. Advanced Information and Knowledge Processing. Springer, London 2005.

9. Buthainah Al-kazemi and Chilukuri K. Mohan, " Training Feedforward Neural Networks Using Multi-Phase Particle Swarm Optimization", 9th International Conference on Neural Information Processing, Singapore November 2002

10. Buthainah Al-kazemi and Chilukuri K. Mohan "Generalization of the Particle Swarm Optimization, IEEE World Congress on Computational Intelligence: Congress on Evolutionary Computation., Honolulu, Hawaii May 2002

11. Buthainah Al-kazemi and Chilukuri K. Mohan, "Multi-Phase Discrete Particle Swarm Optimization, 6th Joint Conference on Information Sciences: 4th International Workshop on Frontiers in Evolutionary Algorithms, North Carolina March 2002

12. Chilukuri K. Mohan and Buthainah Al-kazemi ,"Discrete Particle Swarm Optimization", Workshop on Particle Swarm Optimization, Indianapolis March, 2001

13. Buthainah Al-kazemi and Chilukuri K. Mohan, "Solving Problems with Overlapping Building Blocks", Genetic and Evolutionary Computation, Las Vegas, Nevada May 2000