

Curriculum Vitae

Rahman Ghamsae
North Lake College
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Education

The University of Arizona , Tucson, Arizona

Ph.D. in Applied Mathematics (Industrial Engineering)

Dissertation: "Application of Artificial Neural Networks in the solution of Traveling Salesman and Vehicle Routing Problems"

The University of Arizona , Tucson, Arizona

M.S. In Applied Mathematics

Teaching Experience

North Lake College, Irving, TX. Jan. 2002 – Present

Instructor – All Mathematics Courses.

Developed syllabus, curriculum , overall structure, administered all grades and student advising.

The University of Arizona , Tucson, Arizona Fall 1987 – Spring 1997

Adjunct Lecturer and Teaching Associate. Teaching undergraduate mathematics

Developed syllabus and overall course structure, and administered all grades.

Pima Community College, Tucson, Arizona– 1992-1996

Adjunct Instructor – Teaching Mathematics Courses

Developing syllabus and overall course structure, and administered all grades.

Publications/Presentations

- "Convergence of the Synaptic Weights For the Elastic Net Method" Orlando, Florida, SPIE Symposium, April 1997.
- "Survey of Neural Networks as Applied to target tracking" Orlando, Florida, SPIE Symposium, April 1997.
- "Elastic Net Method: A potential Application for Multi-target Tracking"" Orlando, Florida, SPIE Symposium, April 1997.
- "The Limiting Values of the Connection Weights for the Elastic Net Method". Orlando, Florida. AMS/MAA Meeting, January 1996.
- " Neural Network Approaches to Vehicle Routing Problem". Phoenix, Arizona. ORSA/TIMS Meeting, November 1993
- "The Traveling Salesman Problem, Historical and Neural Network Approaches". Tucson, Arizona. Applied Mathematics Seminar, The University of Arizona. December 1992.