



Hamed Parsiani

PaSCoR Role:

- Researcher
- Offer Mentoring to students in research
- Develop and implement new PaSCoR Courses
- Publish the results of their investigation

Education:

Ph.D. in Electrical Engineering, Texas A&M Univ., College Station, Texas, 1979.

M.E.E. in Electrical Engineering, Texas A&M Univ., 1973.

B.S. in Electrical Engineering, Oregon State Univ., Corvallis, Oregon, 1971.

B.S. in Mathematics, Oregon State Univ., 1970.

Academic Experience:

- 1997-present at UPRM
- 1995-1996 sabbatical leave working at the Image Compression Lab., Kodak Com., Rochester, N.Y.
- 1992 - Full Professor at UPRM

Research Interest:

Multispectral Image Processing & Compression, Multisensor Fusion, and RemoteSensing.

Publications:

- Hamed Parsiani & Rolando Gonzalez, “*Iterated Block Matching Fractals with Parent & Child*,” to be presented at Signal and Image Processing , SIP’2000, Nov. 19-23, 2000, Las Vegas, Nevada.
- Jose del Toro Duran, Hamed Parsiani, “*Analysis of Fractals and Wavelets leading to an improved image compression method*”, CRC’2000 Proceedings, May 6, 2000, Mayaguez, P.R.
- Rolando Gonzalez, Hamed Parsiani, “*Modular Approach to IBMF Compression Software*”, CRC’2000 Proceedings, May 6, 2000, Mayaguez, P.R.
- Santos Lopez, Hamed Parsiani, “*Non-linear Least Square method applied to Iterated Block Matching Fractals (IBMF) for image compression*”, CRC’2000 Proceedings, May 6, 2000, Mayaguez, P.R.
- Norman Lopez, Hamed Parsiani, “*Predictive Lossless Image Compression (PLIC) based on pixels Correlation coefficients and a tight region of support*,” to be published in URC-TC’2000, conference procedeings, April 8, 2000, Nashville TN.
- Norman Lopez, Hamed Parsiani, “*Predictive Lossless Image Compression (PLIC) Algorithm and its Coding Analysis*,” CRC’2000 Proceedings, May 6, 2000, Mayaguez, P.R.
- Hamed Parsiani, Andres Fuentes, “*Fast Near lossless Iterated Block Matching Fractals Image Compression*”, Signal and Image Processing , SIP’98, Oct. 28-31, 98, Las Vegas, Nevada.
- Hamed Parsiani, Paul Roman , “*Near lossless Iterated Block Matching Fractals Image Compression*”, Proceedings of URC-TC’98 Conference, Huntsville, Alabama, Feb. 22-25, 1998.
- Hamed Parsiani, William Navas, “*Advances in Weighted Finite Automata & Matching Pursuits in Image Compression*”, Proceedings of Midwest Symp. on Circuits and Systems, MWSCAS’ Aug. 9-12, 98.

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