

PUBLICATIONS – Maria Rangoussi

V.1. THESES

- [T1] Maria Rangoussi, "Over-determined systems and Singular Value Decomposition in modern spectral analysis", *Diploma Thesis*, Division of Computer Science, Dept. of Electrical Engineering, NTUA, Greece, 1987.
- [T2] Maria Rangoussi, "Signal reconstruction algorithms and the use of higher order statistics," *MSc Thesis*, Dept. of Electrical Engineering, University of Virginia, Virginia, USA, May 1990.
- [T3] Maria Rangoussi, "Novel techniques for the detection of speech under adverse noise conditions and for the recognition of plosive sounds", *PhD Thesis*, Division of Computer Science, Dept. of Electrical & Computer Engineering, NTUA, Greece, 1995.

V.2. JOURNAL PUBLICATIONS (refereed)

- [P1] **M.Rangoussi**, G.B.Giannakis, "FIR Modeling using Log-Bispectra: Weighted Least-Squares Algorithms and Performance Analysis," *IEEE Trans. on Circuits and Systems*, vol. 38, pp. 281-296, March 1991. [15 citations].
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V.3. BOOKS / BOOK CHAPTERS

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V. 7. INTERNATIONAL SCIENTIFIC EVENTS

- [1] S.M. Potirakis, M.Rangoussi, 6th International R&D Project Brokerage Event, organized by Uludag Textile Exporters Association (UTIB) and Bursa Textile and Clothing R&D Center (BUTEKOM), supported by TUBITAK-TEYDEB/Turkey, held in Bursa, Turkey, 3-4 April 2014. Presentation of four proposals for R&D projects:

PROJECT 1	SESSION: Protech and Military Textiles Project Title: "Smart vest for the monitoring of first responders / border policemen situation: a wireless sensor network approach" Coordinator: Stelios M. Potirakis Participants: C.Vossou, S.Vassiliadis, S.Mitilineos, M.Rangoussi, G.Tuna, G.Gezer, K.Gulez
PROJECT 2	SESSION: Buildtech Project Title: "Textile acoustic ceiling tiles" Coordinator: Stelios M. Potirakis Participants: N.-A. Tatlas, C.Vossou, S.Vassiliadis, A.Cay, A.Marmarali, M. Rangoussi
PROJECT 3	SESSION: Functional Clothing Textiles Project Title: "Early Medical Warning by Thermo-chromic Garments" Coordinator: Maria Rangoussi Participants: A.Cay, A.Trikalinou, C.Vossou, E.Siores, S.M.Potirakis, S.Vassiliadis
PROJECT 4	SESSION: Hometech and Home Textiles. Project Title: "Active Noise Control by textile structures comprising embedded sound sensors and actuators based on piezoelectric fibers" Coordinator: Maria Rangoussi Participants: S.M.Potirakis, N.-A. Tatlas, C.Vossou,

V.8. TEXTBOOKS FOR STUDENTS (In greek)

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- [B2] A. Kossidas, M. Rangoussi, S. Matiatis, *"Symbolic Languages and Microprocessor Architectures,"* Benos Editions, Athens, Greece, 1996.
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