I. THESES


II. BOOKS


III. JOURNAL PUBLICATIONS AND BOOK CHAPTERS

III.1. BOOK CHAPTERS


III.2. JOURNAL PUBLICATIONS (to Scientific Journals with ‘impact factor’)


[selected paper from Scientific Conference ‘Cryptography and its Applications in the Armed Forces’, Hellenic Military Academy, Athens, 6/4/2012].


4. H. Moshovitis, H. Anastassiu and P. Frangos, ‘Calculation results of scattering of electromagnetic waves from rectangular perfectly conducting plate using an extended three dimensional Stationary Phase Method which is based on Fresnel functions (SPM-F)’, Journal of Applied Electromagnetism (JAE), December 2008 issue, pp. 68 – 77.


IV. PRESENTATIONS TO INTERNATIONAL SCIENTIFIC CONFERENCES


52. H. Moshovitis, H. Anastassiu and P. Frangos, ‘Calculation results of scattering of electromagnetic waves from rectangular perfectly conducting plate using an extended three dimensional Stationary Phase Method which is based on Fresnel functions (SPM-F)’, ‘Communications, Electromagnetics and Medical Applications Conference’, CEMA ’08, Athens, Greece, 6-8/11/2008.


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64. N. Triantafyllou, I. Ouranos, P. Stefaneas and P. Frangos, ‘Using the OTS/CafeOBJ Method to Formally Specify and Verify the Open Mobile Alliance License Choice Algorithm’, International Conference on Wireless Information Networks and Systems (WinSys 2010), Piraeus, Greece, July 2010 (oral presentation / best student award for N. Triantafyllou / corresponding paper published by ‘Springer’ Editing Company).


86. A. Kotopoulis, G. Pouraimis, A. Malamou, E. Kallitsis, and P. Frangos, ‘Characterization of fractal rough surfaces from backscattered radar data’, CEMA’16


V. PRESENTATIONS TO INTERNATIONAL SCIENTIFIC WORKING GROUPS AND SCIENTIFIC MEETINGS


6. 49th International meeting on ‘Non – Cooperative Air Target Identification by Radar’, Bonn, Germany, 30 – 31/10/2000 (presentation of research work on the above topic).

7. 50th International meeting on ‘Non – Cooperative Air Target Identification by Radar’, Istanbul, Turkey, 5-7/6/2001 (presentation of research work on the above topic).


10. 53rd International meeting on ‘Non – Cooperative Air Target Identification by Radar’, Athens, Greece, May 2002 (presentation of research work on the above topic).

11. 54th International Meeting on ‘Non – Cooperative Air Target Identification by Radar’, Ottawa, Canada, 1-4/10/02 (presentation of research work on the above topic).


20. G. Kalognomos and P. Frangos, ‘Combining CAPON and APES noise covariance estimates for spectral estimation for ISAR applications’, 62nd meeting on ‘Non –
Cooperative Air Target Identification by Radar’, Malvern, United Kingdom, 7-9/6/05.


23. G. Kalognomos, A. Karakasiliotis, G. Boultsadakis, K. Skrapas, I. Tseremoglou and P. Frangos, ‘Some super – resolution spectrum estimation techniques for Inverse Synthetic Aperture Radar (ISAR) signal processing’, presentations in the framework of the Socrates – Erasmus Programme, V. Turnovo, Bulgaria (15/11/05), Plovdiv, Bulgaria (17/11/05), Burgas, Bulgaria (14/12/05).


28. P. Frangos, ‘Education in Electrical and Computer Engineering in Hellenic Technical Universities, as compared to European and American Universities’, presented to the EEGECS International Meeting, Athens, Greece, 31/11/06 to 1/12/06 (sponsored by the European Union), and corresponding paper (submitted 8/1/07).


33. Ch. G. Moschovitis, H. T. Anastassiu and P. V. Frangos, ‘Calculation Results of Scattering of Electromagnetic Waves from a Rectangular, Perfectly Conducting Plate Using an Extended, Three Dimensional Stationary Phase Method which is Based on Fresnel functions (SPM-F)’, presentations in the framework of the Erasmus Programme, Military University of V. Turnovo, Bulgaria (9/3/09), Technical University of Sofia, Dept. of Applied Mathematics (10/3/09), Univ. of Blagoevgrad, Bulgaria (11/3/09), Univ. of Sofia, Dept. of Physics (12/3/09), Univ. of V. Turnovo, Dept. of Mathematics and Informatics, Bulgaria (13/3/09).


40. P. Frangos, ‘Research at the NTUA, Athens, Greece, in the areas of ISAR / SAR radar signal processing and PO – SPM EM scattering problems’, presentation at the Eurasian National University (ENU), Dept. of Physics, Astana, Kazakshtan, 25/2/2012 to 6/3/2012.


47. S. Bourgiotis, A. Chrysostomou, K. Ioannidi, S. Sautbekov and P. Frangos, ‘The Radiation Problem from a Vertical Short Dipole Antenna above Flat and Lossy Ground : Novel Formulation in the Spectral Domain with Closed – Form Analytical Solution in the High Frequency Regime’, presentation at the Technical University of
Varna, Bulgaria, 4/6/2015.


