# TABLE OF CONTENTS

“Lowpass Filter Design Based on Microstrip Meander Line with HDGS”
Ayman S. Al-Zayed, Mekdad B. Asad Allah, and Samir F. Mahmoud ........................................ 436

Katherine Han, Paul Freeman, Hai-Yue Han, Jacob Hamar, and James F. Stack, Jr……………… 444

“Ultra-Wideband Antenna with Variable Notch Band Function by DGS and Shorting Pin”
Mohammad Akbari, Reza Movahedinia, and Abdelrazik Sebak………………………………………… 452

“Applications of ANN and ANFIS to Predict the Resonant Frequency of L-Shaped Compact Microstrip Antennas”
Ahmet Kayabasi, Abdurrahim Toktas, Ali Akdagli, Mustafa B. Bicer, and Deniz Ustun……….. 460

“Impact of the Hand on the Specific Absorption Rate in the Head”
Ivan B. Bonev, Ondrej Franek, and Gert F. Pedersen...................................................................... 470

“Focusing of Electromagnetic Wave from Quartic Inhomogeneous Chiro-Slab”
A. Ghaffar, M. Sharif, Q. A. Naqvi, M. A. S. Alkanhal, F. Khalid, and S. Shukurullah …… 478

“Comparison and Analyzing of Propagation Models with Respect to Material, Environmental and Wave Properties”
M. B. Tabakcioglu, D. Ayberkin, and A. Cansiz............................................................................ 486

“Low Profile Dual Band-Notched Slot Antenna with Modified Ground Plane for UWB Systems”
Nasser Ojaroudi, Noradin Ghadimi, and Yasser Ojaroudi ............................................................... 492

“Optimization-Based Matching Layer Design for Broadband Dielectric Lens Antennas”
F. Tokan ........................................................................................................................................ 499

“A Novel Compact Printed Slot Antenna with Triple Bands for WiMAX/WLAN Applications Using Remodeling Technology”
Li Li, Zhou Zhi-Li, Li Ming-Fu, Jin Chang-Jiang, and Bin-Tang...................................................... 508