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Education

- MS, Electrical Engineering Telecommunications,University of Tehran - 1995
- PhD, Radio Communications,University of Waterloo CA - 2009

Courses

1. Radio networks planning
2. dfghkll
3. Radar Systems Principle
4. Microwave Active Circuits
5. Microwave -||
6. Wave Scattering
7. Microwave Measurements
8. Antenna-I
9. Microwave-I
10. Advanced Engineering Mathematics
11. Wireless Communications
12. Antenna -||

Master Thesis

1. Geometrically based MIMO Channel Modeling

فاطمه زاده پاريزي, [Javad Ahmadi Shokouh, Mehri Mehrjoo]

نيمسال دوم سال تحصيلي91-90

2. parabolic Reflector Antena Beamforming using Phased Array Feed Network

محمدمهدي تمدن دار, [Javad Ahmadi Shokouh, Hengameh Keshavarz]

نيمسال دوم سال تحصيلي91-90

3. performance analysis of radio link in nanonetwork antennas

محسن كرمي راد, [Mehri Mehrjoo, Javad Ahmadi Shokouh, Tahereh Fanaei Sheikholeslami]

نيمسال دوم سال تحصيلي91-90

Journals Papers

2021

1. Oriented beamformig of a multi-mode antenna based on characteristic mode analysis

Mostafa Parvin, Javad Ahmadi Shokouh, Hamideh DashtiKhavidaki

AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS Volume: (135) 153700-1 - 153700-13

2. Analytical study of Fano phenomenon in plasmonic hexamer and heptamer using characteristic mode theory

Atefeh Gholami, Javad Ahmadi Shokouh, Hamideh DashtiKhavidaki

OPTIK Volume: (243) 167388-1 - 167388-16

2020

3. Design of a multilayer nano-antenna as a hyperbolic metamaterial with Fano response for optical sensing

, Hamideh DashtiKhavidaki, Javad Ahmadi Shokouh

OPTICAL AND QUANTUM ELECTRONICS Volume: (52) 1 - 16

4. Systematic feed locating in multi-mode MIMO antennas using characteristic mode theory

Mostafa Parvin, Javad Ahmadi Shokouh, Hamideh DashtiKhavidaki

AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS Volume: (126) 153399-1 - 153399-9

5. Design and analysis of a broadband electrically small antenna using characteristic mode theory

Atefe Sohrabi, Hamideh DashtiKhavidaki, Javad Ahmadi Shokouh

AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS Volume: (113) 152991-1 - 15299-8

2019

6. Compact UWB filter with narrow notched band based on grounded circular patch resonator

Mona Yazdani Shavakand, Javad Ahmadi Shokouh

International Journal of Ultra Wideband Communications and Systems Volume: (4) 16 - 21

7. Substrate Integrated Waveguide Corrugated Horn Antenna

Zahra Gholipourshraki, Javad Ahmadi Shokouh

WIRELESS PERSONAL COMMUNICATIONS Volume: (109) 1605 - 1614

8. Time-domain properties of dual-band-notched circle-like slot antenna in indoor environments

Seyed Ramin Emadian, Javad Ahmadi Shokouh, A. Raisi, C. Ghobadi, J. Nourinia

ELECTRONICS LETTERS Volume: (55) 10 - 12

2018

9. Theoretical Based Design of Ultra-Wideband Filter with Dual Band-Notch

Mona Yazdani Shavakand, Javad Ahmadi Shokouh

WIRELESS PERSONAL COMMUNICATIONS Volume: (100) 1219 - 1233

10. Study on frequency and impulse response of novel triple band notched UWB antenna in indoor environments

Seyed Ramin Emadian, Javad Ahmadi Shokouh, Changiz Ghobadi, Javad Nourinia

AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS Volume: (96) 93 - 106

11. Novel and simple monopole blade antenna with ultra-wide bandwidth for avionics applications

Seyed Ramin Emadian, Javad Ahmadi Shokouh, Abdolbaset Askani, Abdolmallek Raisi

International Journal of Ultra Wideband Communications and Systems Volume: (3) 237 - 240

12. A narrow-frame antenna for WWAN/LTE/WiMAX/WLAN mobile phones

Zeinab Eskandari, Asghar Keshtkar, Javad Ahmadi Shokouh

AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS Volume: (94) 244 - 252

13. Reconfigurable microwave SIW sensor based on PBG structure for high accuracy permittivity characterization of industrial liquids

, Javad Ahmadi Shokouh

SENSORS AND ACTUATORS A-PHYSICAL Volume: (283) 386 - 395

14. Nondestructive high-resolution microwave imaging of biomaterials and biological tissues

Fatemeh Kazemi, Farahnaz Mohanna, Javad Ahmadi Shokouh

AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS Volume: (84) 177 - 185

15. Frequency-Selective Surface to Determine Permittivity of Industrial Oil and Effect of Nanoparticle Addition in X-Band

, Javad Ahmadi Shokouh

JOURNAL OF ELECTRONIC MATERIALS Volume: (47) 1397 - 1404

16. Design and fabrication of a high-Q nearfield probe for subsurface crack detection

Elahe Nemati mahkouye, Javad Ahmadi Shokouh,

Journal of Communication Engineering Volume: (7) 1 - 10

17. Study on frequency and time domain properties of novel triple band notched UWB antenna in indoor propagation channel

Seyed Ramin Emadian, Javad Ahmadi Shokouh

INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING Volume: (28) e21428 -

18. Time-domain analysis of compact dual band-notched slot antenna in indoor environments

Seyed Ramin Emadian, Javad Ahmadi Shokouh

International Journal of Microwave and Wireless Technologies Volume: (10) 1186 - 1195

19. Detection of biological abnormalities using a near-field microwave microscope

, Farahnaz Mohanna, Javad Ahmadi Shokouh

International Journal of Microwave and Wireless Technologies Volume: (10) 1 - 9

20. Microwave reflectometry for noninvasive imaging of skin abnormalities

, Farahnaz Mohanna, Javad Ahmadi Shokouh

AUSTRALASIAN PHYSICAL and ENGINEERING SCIENCES IN MEDICINE Volume: (41) 881 - 890

21. Microwave Near-field Imaging of Biological Samples Using a Microstrip Resonator Probe

, Farahnaz Mohanna, Javad Ahmadi Shokouh

IETE JOURNAL OF RESEARCH Volume: (10) 1 - 8

2017

22. Industrial liquid characterization enhancement using microwave sensor equipped with electronic band gap structure

, Javad Ahmadi Shokouh

AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS Volume: (2017) 152 - 159

23. Beamsteering for Non-uniform Weighted Array-Fed Reflector Antenna

, Hengameh Keshavarz, Javad Ahmadi Shokouh

WIRELESS PERSONAL COMMUNICATIONS Volume: (97) 5511 - 5525

2016

24. COMPACT MULTIBAND MONOPOLE ANTENNA FOR UMTS, WiMAX, AND WLAN APPLICATIONS

, Javad Ahmadi Shokouh, Seyed Ramin Emadian

MICROWAVE AND OPTICAL TECHNOLOGY LETTERS Volume: (58) 844 - 847

2015

25. Empirical MIMO beamforming and channel measurements at 5764 GHz frequencies

Javad Ahmadi Shokouh, , ,

Transactions on Emerging Telecommunications Technologies Volume: () 1003 - 1009

26. A NOVEL FRACTAL FOR IMPROVING EFFICIENCY AND ITS APPLICATION IN LTE MOBILE ANTENNAS

, , Javad Ahmadi Shokouh,

MICROWAVE AND OPTICAL TECHNOLOGY LETTERS Volume: (57) 2429 - 2434

27. Very Small Dual Band-Notched Rectangular Slot Antenna With Enhanced Impedance Bandwidth

Seyed Ramin Emadian, Javad Ahmadi Shokouh

IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION Volume: (63) 4529 - 4534

28. Carbon Nanotube Receiver Antennas in MHz Band

, Mehri Mehrjoo, Javad Ahmadi Shokouh, Tahereh Fanaei Sheikholeslami, Saied Mohammad Ranjbaran

Current Nanoscience Volume: (11) 669 - 675

29. Modified Ground Circle Like-Slot Antenna with Dual Band- Notched Characteristics for Super UWB Applications

Seyed Ramin Emadian, Javad Ahmadi Shokouh

APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL Volume: (30) 436 - 443

30. Carbon Nanotube Receiver Antennas in MHz Band

, Mehri Mehrjoo, Javad Ahmadi Shokouh, Tahereh Fanaei Sheikholeslami,

Current Nanoscience Volume: () 1 - 7

31. Frequency and Time Domain Investigation of Compact UWB Slot Antenna with Triple Band Notched Characteristics

Seyed Ramin Emadian, Javad Ahmadi Shokouh, , ,

APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL Volume: (30) 1348 - 1353

2013

32. RF beamforming for MIMO cognitive user

Javad Ahmadi Shokouh, Hengameh Keshavarz

AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS Volume: (67) 1079 - 1085

33. Dual-band planar monopole antenna loaded with rotated inner ring of SRRs

Abdolshakoor Tamandani, , Javad Ahmadi Shokouh, Saeed Tavakoli Afshari

international research journal of applied and basic sciences Volume: (4) 1791 - 1796

34. Optimum indoor signal coverage of dense distributed receivers via ray tracing coupled with genetic algorithm

, Javad Ahmadi Shokouh, Saeed Tavakoli Afshari

International Journal of Information and Communication Technology Research (IJICT Volume: (5) 27 - 33

35. optimum coverage/capacity in MIMO indoor channel with minimum transmitters

, Javad Ahmadi Shokouh, Saeed Tavakoli Afshari

WIRELESS PERSONAL COMMUNICATIONS Volume: (71) 1989 - 2001

36. Wideband planar split ring resonator based metamaterials

Javad Ahmadi Shokouh, Saeed Tavakoli Afshari

Progress In Electromagnetics Research M Volume: (28) 115 - 128

37. Transmitter Antenna Placement in Indoor Environments Using Particle Swarm Optimisation

Saeed Tavakoli Afshari, Javad Ahmadi Shokouh

INTERNATIONAL JOURNAL OF ELECTRONICS Volume: (100) 999 - 1099

2012

38. Optimality of Transmitter Location in Wireless Network with RAKE Receivers

Javad Ahmadi Shokouh, Saeed Tavakoli Afshari

IET Communications Volume: (6) 3059 - 3064

39. Optimality of transmitter location in a wireless network with RAKE receivers

, Javad Ahmadi Shokouh, Saeed Tavakoli Afshari

IET Communications Volume: (6) 3059 - 3064

2010

40. Pre-LNA smart soft antenna selection for MIMO spatial multiolexing/diversity system when amplifier/sky noise dominates

Javad Ahmadi Shokouh

EUROPEAN TRANSACTIONS ON TELECOMMUNICATIONS Volume: () -

41. Pre-LNA smart soft antenna selection for MIMO spatial multiplexing/diversity system when amplier/sky noise dominates

Javad Ahmadi Shokouh, ,

Transactions on Emerging Telecommunications Technologies Volume: () 663 - 677

42. CMOS Phased Array Transceiver Technology for 60 GHz Wireless Applications

, , , Javad Ahmadi Shokouh,

IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION Volume: (58) 1093 - 1104

Research Project

1999

1. Review and Analysis of Noise Canceling Methods

Javad Ahmadi Shokouh, S. Masoud Barakati - 1999

2. Interfacing Methode to Connect Laboratory Robot to Computer

S. Masoud Barakati, Javad Ahmadi Shokouh - 1999