MAHMOUD A. SMADI

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EDUCATION

MAY 2005

PH.D. ELECTRICAL ENGINEERING, UNIVERSITY OF TEXAS AT ARLINGTON (UTA)

- Thesis title: Comparative Analysis of Partially Coherent and Differentially Coherent PSK Systems with Fading and Interference
- Major: Wireless Communications

JULY 2000

M.SC. ELECTRICAL ENGINEERING, JORDAN UNIV. OF SCIENCE AND TECHNOLOGY (JUST)

- Thesis title: Diversity Techniques for Coherent Optical Receivers
- Major: Communications & Electronics

JULY 1998

B.SC. ELECTRICAL ENGINEERING, JUST

- Major: Communications & Electronics

EXPERIENCE

SEP. 2022 – NOW

DEAN, DEANSHIP OF ACADEMIC DEVELOPMENT AND INTERNATIONAL OUTREACH (DADIO) AT HASHEMITE UNIVERSITY (HU)

- Developing and implementing strategic plans for international partnerships and collaborations.
- Building relationships with international organizations, universities, and other stakeholders.
- Promoting the university's global profile and reputation.
- Facilitating international student recruitment and exchange programs.
- Representing the university in international meetings and conferences.
- Developing and implementing programs to support international students and scholars.
- Overseeing the development and revision of the academic curriculum to ensure that it meets the needs of students, the current job market, and academic standards.
- Providing professional development opportunities for faculty members, such as workshops, training sessions, and conferences to help them improve their teaching and research skills.
- Ensuring that students have the support, they need to succeed academically, such as academic advising, tutoring, and other support services.

- Ensuring that the institution's programs and courses meet accreditation standards and for preparing accreditation reports and materials.
- Promoting and encouraging research by faculty and students to enhance academic programs and enrich the learning experience for students.
- Developing new academic programs and initiatives that meet the needs of students, the current job market, and the institution's strategic goals.
- Managing the budget allocated to the deanship, ensuring that funds are spent effectively and efficiently.
- Working closely with other Deans, department chairs, and academic staff to ensure that academic programs are integrated and aligned with the institution's overall mission and goals.

SEP. 2020 – SEP. 2022

VICE-DEAN, FACULTY OF ENGINEERING (FOE) AT HU

- Designing and managing academic programs, ensuring they meet the academic standards of the institution.
- Overseeing the recruitment and development of faculty members, ensuring they meet the qualifications and standards of the institution.
- Managing the academic budget, allocating resources to meet the needs of the academic programs and ensuring that the institution's finances are managed effectively.
- Ensuring the institution meets the requirements of academic accreditation, working with accrediting organizations to maintain the institution's accreditation status.
- Developing and implementing academic policies, ensuring that the academic programs and faculty members comply with the institution's policies and standards.
- Monitoring the quality and standards of academic programs, ensuring that students receive a high-quality education and that the institution is meeting its academic goals.
- Collaborating with the faculty departments, such as student services and research, to ensure that academic programs are aligned with the institution's overall goals and objectives.

SEP. 2016 – SEP. 2018

CHAIRMAN, EE DEPARTMENT AT HU

- Leading the Dept. and College efforts toward obtaining ABET Accreditation: 5 programs in FoE-HU are fully accredited on August 2018.
- Overseeing and managing the day-to-day operations of the electrical engineering department.
- Providing direction, guidance and support to faculty, staff and students within the department.
- Developing and implementing policies, procedures, and curricula that ensure the department is up-to-date and effective.
- Collaborating with other departments and external organizations to promote interdisciplinary research and education programs.
- Maintaining high academic standards, supporting student success and promoting student engagement.
- Representing the department to the university administration, accrediting bodies and other stakeholders.
- Developing and implementing departmental budgets, monitoring expenses and ensuring financial stability.

- Building strong relationships with industry partners, alumni, and other stakeholders to expand research and education opportunities.
- Participating in professional organizations and conferences to keep up-to-date with developments in the field and promote the department.

SEP. 2009 – SEP. 2010

CHAIRMAN, EE DEPARTMENT AT HU

- Creating a new curriculum for EE undergraduate program that considers the ABET requirements especially for major design, ethics and communication skills terms.
- Steering the Dept. and College efforts toward obtaining ABET accreditation.

MAY 2020 – NOW

PROFESSOR, EE DEPARTMENT- HU

SEP. 2016 – MAY 2020

ASSOCIATE PROFESSOR, EE DEPARTMENT- HU (ABET Accredited Aug. 2018)

SEP. 2011 – JULY 2016

ASSOCIATE PROFESSOR, EE DEPARTMENT- KING FAISAL UNIV. (KFU), KSA (ABET Accredited Aug. 2015)

SEP. 2005 – MARCH 2011

ASSISTANCE PROFESSOR, EE DEPARTMENT- HU

SEP. 2002 – MAY 2005

GRADUATE TEACHING ASSISTANT, EE DEPARTMENT-UTA

SEP. 2000 – AUG. 2001

FULL-TIME LECTURER, EE DEPARTMENT-JUST

SEP. 1998 – AUG. 2000

GRADUATE TEACHING ASSISTANT, EE DEPARTMENT-JUST

PROFESSIONAL EXPERIENCE

- Member; the HU High Committee for the Curriculum, 2022-.
- Member; the HU High Committee for Scientific Research & Funding Projects, 2022-.
- Member; the HU High Committee for Simplification of Procedures, 2022-.
- Member; the HU High Committee for Sustainable Development, 2022-.
- Member; the Founding Council of the College of Dentistry at HU, 2023-.
- Chair; ABET Coordination and steering committee, EE Dept. at HU, 2016-2022.
- Chair; the Scientific Research Committee, FoE at HU, 2020-2022.
- Chair; the Curriculum Committee, Faculty of Engineering at HU, 2021-2022.
- Chair; the Old Building Rehabilitation Committee at HU, 2021-2022

- o Granted a fund of 1.2 million USD from Abu Dhabi Investment Office on Dec. 2021.
- Chair; MSc in EE Curriculum Preparation Committee, EE Dept. at HU, 2021
  - o The program approved by ministry of higher education and opened Fall 2022.
- Member; Tender Committee for Local Purchase at HU, Jan 2022-now.
- Technical program committee (TPC) member; The International Conference on Electrical and Computing Technologies and Applications (ICECTA'2022), UAE 2022.
- TPC member; 26th International Conference on Telecommunications (ICT), Vietnam 2019.
- Chair; the Curriculum Committee, FoE at HU, 2018-2019.
- Chair; the Graduation Project Funding Committee, FoE at HU, 2019-2020.
- Chair; the Scientific Research Committee, FoE at HU, 2017-2018.
- Coordinator and Chair; the Planning Committee of the Proposed Project "The National Center for Integrated Microsystems Technology NC-IMST", Jordan 2011.
- Coordinator: TEMPUS Project Granted to the Yarmouk University, 2010-2013
  - o Project title: An industry-oriented M.Sc.Program in Telecommunications Engineering- towards and EU Approach.
- TPC member; The IET International Conference on Intelligent Systems (ICIS), Bahrain 2008.
- TPC member; The Jordanian International Electrical and Electronics Engineering Conference (JIEEEC), Jordan 2011.
- TPC member; Several Mosharaka International Conferences, Jordan.
- Chair session; Several IEEE and IEE International Conferences.
- Chair session; The International Conference and Exhibition on Green Energy & Sustainability (ICEGES 2009), Jordan 2009.
- Chair session; The International Conference on Computing and Information Technology (ICCIT 2012), Taibah University-KSA 2012.
- Chair; the Strategic Plan Committee in the EE Department at HU, 2008.
- Chair; the ABET Committee in the EE Department at HU, 2007.
- Chair; the Promotion and Appointment Committee in the EE Department at HU, 2009.
- Coordinator; the Undergraduate Practical Training Committee in the EE Department at HU, 2006.
- Member; the Evaluation Committee of the third National Technology Parade, JUST, Jordan 2010.
- Member; Organization Committee of the fifth Engineering Scientific Day, Faculty of Engineering (FOE) at HU, 2010.
- Member; the Graduate Studies Committee, FOE at HU, 2009.
- Member; the Scientific Research Committee in the FOE at HU, 2009.
- Chair; the Curriculum Committee, EE Dept. at King Faisal University (KFU)-KSA, 2012-2016.
- Chair; the Students Affairs Committee, EE Dept. at KFU-KSA, 2012-2016.
- Member; the Quality Assurance Committee, FOE at KFU-KSA, 2011-2016.
- Member; Searching and Hiring Committee in EE Department, FOE at KFU-KSA, 2012-2016.
- FOE Representative; Student Guidance and Counseling Unit, KFU- KSA, 2011- 2016.
- Member; Out of College Course Coordination Committee, FOE at KFU- KSA, 2011-2016.
- Member; Award for Quality Assurance and Academic Accreditation Committee, KFU-KSA, 2011-2016.

RESEARCH INTEREST

My previous work on partially coherent wireless systems employing diversity combining has influenced the design of recent commercial and research systems. My research interests include but are not limited to:

- Cellular radio communications (5G and beyond)
- Simulation of communications systems
- Interference analysis of communications systems
- Microwave propagation and transmission
- Spread spectrum communications
- Network theory

TEACHING INTERESTS

As an educator, I strive to inspire passion through teaching by connecting the material to cutting-edge research and the real world. While I have taught core courses in circuit analysis and engineering mathematics, below are some courses I have taught that have had an impact on communication theory:

- Analog Communications
- Digital Communications and Coding
- Communication Networks
- Wireless and Personal Communications
- Information Theory
- Spread Spectrum Communications
- Digital Signal Processing
- Signals and Systems
- Probability and Random Processes

Graduate Level Courses:
Wireless Communications, Digital Communications, Optical Fiber Communications, Spread Spectrum Communications, Data Communications, Information Theory and
Coding, Simulation of Communication Systems, Digital Signal Processing, Statistical Signal Processing, Probability and Random Signals, Antenna System Analysis, Advance
Electronics, Integrated Optics, Optimal Control.

ATTENDED ACTIVITIES

- "Management and Implementation of Self Study Workshop", Deanship of Quality Assurance-KFU, Oct. 2011.
- "Strategic Planning and Preparation of Action Plans Workshop", Deanship of Quality Assurance- KFU, Dec. 2011.
- "International Exhibition and Conference on Higher Education", Ministry of Higher Education -Riyadh, Apr. 2012.
- "Jubail Engineering Education Conference & Exhibition", Royal Commission of Jubail - Jubail, May 2012.

- "The 2nd Saudi International Nanotechnology Conference", KACST-Riyadh, Nov. 2012.
- "Soft Skills: Methods for Teaching and Assessment Workshop", FOE-KFU, Nov. 2012.
- "Research Ability Development in Kingdom of Saudi Arabia: Formulation of the idea & Research Management Workshop", KACST-KFU, Dec. 2012.
- "ABET Accreditation Process, Standards and Criteria Workshop", FOE -KFU, Dec. 2012.
- "A Framework for Understanding Teaching Workshop ", FOE -KFU, Feb. 2013.

SELECTED REVIEW

- IEEE Transactions on Communications, USA
- IEEE Transactions on Vehicular Technology, USA
- IEEE Transactions on Wireless Communications, USA
- IEEE Transactions on Aerospace and Electronic Systems, USA
- IET Proceedings on Communications, UK
- IEEE Communications Letters, USA
- IET Electronics Letters, UK
- Elsevier -Wireless Communications and Mobile Computing, UK

FUNDED PROJECTS

- "Implementing of GPS Spoofer using Software defined Radio Technology"; Hashemite University, Zarqa-Jordan 2018; KAFD and KADDB (5,000 $).
- "Hashemite Radio Network (HRN)"; Hashemite University, Zarqa-Jordan 2009; KAFD and KADDB (8,000 $).
- "Multi-input Multi-Output Technique to Mitigate the Negative Effects of Cochannel Interference in Wireless Cellular Systems"; King Faisal University, Ahsaa-KSA 2013, Deanship of scientific research (10,000 $).
- "Enhanced Design to Measure Air Contamination in Al-Ahsa City of Eastern Region of Saudi Arabia Based on Wireless Sensor Network and Solar Cells."; King Faisal University, Ahsaa-KSA 2014, Deanship of scientific research (15,000 $).

PUBLICATIONS

Journal items
- Feras Alasali, Abdelaziz Salah Saidi, Naser El-Naily, Mahmoud A. Smadi and William Holderbaum "Hybrid Tripping Characteristic-Based Protection Coordination Scheme for Photovoltaic Power Systems" Sustainability- MDPI, vol. 15, pp. 1-20, 2023.
- Qasem Abu Al-Haija, Mohammad M. Asad, Ibrahim Marouf, Mahmoud A. Smadi "Design alternatives of Euclidian greatest common divisor with enhanced architecture" International Journal of Computer Aided Engineering and Technology- Inderscience vol. 13, pp. 425-436, 2020.
- M. A. Smadi, "Tight lower bounds for MPSK Nakagami-m systems with phase error" Int. J. Systems, Control and Communications- Inderscience, vol. 8, pp. 125-131, 2017.

- A. K. S. Al-Bayati, M. A. Smadi, O. A. Saraereh, and A. Nimrat "Joint Carrier Frequency Offset and Channel Estimation for OFDM Systems with Two Receive Antennas," International Journal of Communication Systems-Wiley, vol. 30, pp. 1-15, 2017.
- M. A. Smadi, "A proposed combining technique for partially coherent optical signaling" Optical Fiber Technology -Elsevier, vol. 24, pp. 106-114, 2015.
- M. A. Smadi, "An Efficient Combining Technique to Analyze the Performance of Non-Ideal ASK Optical Systems" Optics & Laser Technology-Elsevier, vol. 69, pp. 187-192, 2015.
- M. A. Smadi, Qasem Abu Al-Haija and Awni Itradat "Exact Error Rate Analysis of MIMO-MRC System under Cochannel Interference and Imperfect Channel State Information" Wireless Personal Comm.-Springer, vol. 79, pp. 847-859, 2014.
- M. A. Smadi and Qasem Abu Al-Haija "A Modified source coding technique for efficient data compression," Journal of Theoretical and Applied Information Technology, vol. 61, pp. 200-205, March 2014.
- Q. Abu Al-Haija, M. Smadi, M. Al-Ja'fari and A. Al-Shua'ibi "Efficient FPGA Implementation of RSA Coprocessor Using Scalable Modules," Procedia Computer Science, vol. 34, pp. 647–654, 2014.
- M. A. Smadi, S. Al-Jazzar, J. Ghaeb and O. Saraereh "Confidence Intervals Verification for Simulated Error Rate Performance of Wireless Communicatio System," Wireless Personal Comm.-Springer, vol. 71, pp. 2463–2474, 2013.
- Omar A. Saraereh, M. A. Smadi, A. K. S. Al-Bayati, Jasim A. Ghaeb and Qais Alsafasfeh, "A novel low-profile coupled-fed printed twelve-band mobile phone antenna with slotted ground plane for LTE/GSM/UMTS/WIMAX/MLAN operations," International Journal of Electrical, Electronics Science and Engineering-WASET, vol. 7, pp. 1063-1072, Nov. 2013.
- M. A. Smadi, S. Al-Jazzar, and J. Ghaeb, "Simplified bit error rate evaluation of Nagakami-m PSK systems with phase error recovery," Wireless Communications and Mobile Computing -John Wiley, vol. 12, pp. 248-256, Feb. 2012.
- Al-Jazzar, S.O., Al-Nimrat, A., Mahmoud Smadi "Delay estimation enhancement in CDMA systems using optimum training bits' power," International Journal of Electronics and Communications (AEU)-Elsevier, vol. 66, pp. 244-248, Jan 2012.
- K. Al-Bayati, S. Prakria, M. A. Smadi, and S. Prasad " Blind Detection of Co- channel QPSK Signals: A Phased Precoding-based Approach," Wireless Personal Comm.-Springer, 62(1), pp. 79-92, 2012.
- Ghaeb, J.A., Smadi, M.A., Ababneh, M. "Progressive decrement PWM algorithm for minimum mean square error inverter output voltage," Energy Conversion and Management- Elsevier, 52 (11), pp. 3309-3318, 2011.
- S. Al-Jazzar, A. Muchkaev, A. Al-Nimrat, M. A. Smadi, " Low complexity and high accuracy angle of arrival estimation using eigenvalue decomposition with extension to 2D AOA and power estimation," EURASIP Journal on Wireless Communications and Networking-Springer, 123, pp. 1-13, 2011.
- S. Al-Jazzar, D.C. McLernon, J. Caffery, M. A. Smadi, and J. Ghaeb, "A modified unscented filter for delay tracking is asynchronous CDMA systems," International Journal of Electronics and Communications (AEU) - Elsevier, 65 (1), pp. 9-15, 2011.
- J. A. Ghaeb, M. A. Smadi and J. Chebil, "High Performance Data Integrity Assurance Based on Determinant Technique," Future Generation Computer Systems- Elsevier, 27 (5), pp. 614-619, 2011.

- Mohammad Ababneh, Issa Etier, Mahmoud Smadi and Jasim Ghaeb" Synchronization of Chaos Systems Using Fuzzy Logic," Journal of Computer Science, vol. 7 (2), pp. 197-205, 2011.
- M. A. Smadi, "Performance Analysis of BPSK System with Hard Decision (63, 36) BCH Code," Journal of Theoretical and Applied Information Technology, vol. 13, pp. 172-180, March 2010.
- S. Al-Jazzar, D.C. McLernon, and M. A. Smadi, "SVD-based joint azimuth/ elevation estimation with automatic pairing," Signal Processing- Elsevier, vol. 90, pp. 1669-1675, May 2010.
- K. S. Al-Bayati and M. A. Smadi, "Efficient Blind Equalization of BPSK Signals," Electronics Letters-IET, vol. 46, pp. 658-660, April 2010.
- M. A. Smadi, V. K. Prabhu and S. O. Al-jazzar, "Analytical study on the effect of cochannel interference on partially coherent diversity systems," IEEE Trans. Commun., vol. 57, pp. 117-124, Jan 2009.
- M. A. Smadi, Mohammad Ababneh and Saleh Al-Jazzar, "Simulation and Numerical Analysis of Wireless PSK Systems with Imperfect Carrier Phase Recovery," International Journal of Modelling and Simulation-ACTA Press, vol. 29, pp. 405-409, Dec. 2009.
- M. A. Smadi, V. K. Prabhu and A. Bayati, "Performance analysis of optimum diversity combining for partially coherent frequency-selective fading channel with intersymbol interference," IEEE Trans. Veh. Technol., vol. 57, pp. 3589-3597, Nov 2008.
- M. A. Smadi and V. K. Prabhu, "Performance analysis of generalized-faded coherent PSK channels with equal-gain combining and carrier phase error," IEEE Trans. Wireless Commun., vol. 5, pp. 509-513, March 2006.
- M. A. Smadi and V. K. Prabhu, "Efficient moments-based method for error rate calculations using the Beaulieu series," IEE Proceedings on Commun., vol. 153, pp. 349-354, June 2006.
- M. A. Smadi and V. K. Prabhu, "Postdetection EGC diversity receivers for binary and Quaternary DPSK systems over fading channels," IEEE Trans. Veh. Technol., vol. 54, pp. 1030-1036, May 2005.
- M. A. Smadi and V. K. Prabhu, "Comparative analysis of partially coherent and differentially coherent PSK systems with equal-gain diversity," IEE Proceedings on Commun., vol. 152, pp. 939-944, December 2005.

Conference items
- Qasem Abu Al-Haija, Mahmoud A. Smadi, and Osama M. Al-Bataineh" Early- Stage Diabetes Risk Prediction via Machine Learning," 13th International Conference on Soft Computing and Pattern Recognition (SoCPaR 2021), Toronto-Canada, pp. 1-5, Dec. 2021.
- Qasem Abu Al-Haija, Mahmoud A. Smadi, and Osama M. Al-Bataineh" Identifying Phasic dopamine releases using DarkNet-19 Convolutional Neural Network," International IOT, Electronics and Mechatronics Conference (IEMTRONICS 2021), Toronto-Canada, pp. 864-868, April. 2021.
- Qasem Abu Al-Haija, Mahmoud A. Smadi, and Saleh Zein-Sabatto" Multi- Class Weather Classification Using ResNet-18 CNN for Autonomous IoT and CPS Applications," The 2020 International Conference on Computational Science and Computational Intelligence, Las Vegas-USA, pp. 1586-1591, Dec. 2020.
- Al-Haija, Q.A., Smadi, M.A. "Parametric prediction study of global energy- related carbon dioxide emissions," 2nd International Conference on Electrical, Communication and Computer Engineering (ICECCE 2020), Turkey, pp. 1-5, June 2020.

- Al-Nimrat, A.M.Y., Smadi, M., Saraereh, O.A., Khan, I. "An Efficient Channel Estimation Scheme for mmWave Massive MIMO Systems," 2019 IEEE International Conference on Communication, Networks and Satellite (Comnetsat 2019), Indonesia, pp. 1-8, Aug. 2019.
- Qasem Abu Al-Haija1, Monther Al-Ja'fari1, and Mahmoud Smadi "A Comparative Study up to 1024-bit Euclid's GCD algorithm FPGA Implementation and Synthesizing" 5th International Conference on Electronic Devices, Systems and Applications (ICEDSA-2016), Ras Al Khaimah-UAE, pp. 1-4, Dec. 2016.
- M. A. Smadi and Y. H. Al-Badarneh "An enhanced combining technique of homodyne ASK optical system with laser phase noise" IEEE 28th Canadian Conference on Electrical and Computer Engineering (CCECE'15), Halifax- Canada, pp. 1398-1402, May 2015.
- M. A. Smadi "Direct and Indirect Measures for Course Outcomes Assessment for ABET Accreditation" 2nd International Conference on Assessment (ICA'15), Riyadh-KSA, pp. 587-602, Dec. 2015.
- M. A. Smadi and Qasem Abu Al-Haija "'Precise Error Rate Analysis of MIMO System with Interference and Imperfect Channel State Information " IEEE 27th Canadian Conference on Electrical and Computer Engineering (CCECE'14), Toronto-Canada, pp. 1-5, May 2014.
- Yazan H. Al-Badarneh and M. A. Smadi "A Unified Semi-Analytical Technique to Evaluate the Distributions of Products of Non-Identically Distributed Weibull Random Variables" IEEE Wireless Commun. and Network Conf. (WCNC'14), Istanbul-Turkey, pp. 548-553, April 2014.
- M. A. Smadi and A. Majali "A Promising Digital-based Radio Network over IP" International Conference on Computing and Information Technology (ICCIT'12), pp. 679-683, KSA, March 2012.
- Ghaeb, J.A., Smadi, M.A. "An optimum PWM technique to maximize the continuity of inverter output "International Conference on Energy, Environment, Devices, Systems, Communications, Computers (EEDSCC'11), Venice- Italy, pp. 54-60, March 2011.
- M. A. Smadi, "Performance analysis of QPSK system with Nakagami fading using efficient numerical approach," IEEE 9th Malaysia International Conference on Communications (MICC'09), Kuala-Lumpur Malaysia, pp. 447- 450, Dec. 2009.
- M. A. Smadi, "An Efficient Numerical Technique for Error Rate Analysis of Wireless Systems," IET International Conf. on Intelligent Systems (ICIS'08), Bahrain, Dec 2008.
- M. A. Smadi and V. K. Prabhu, "Performance analysis of partially coherent BPSK in the presence of ISI," IEEE International Conference on Signal Processing and Communications (ICSPC'07), Dubai-UAE, pp. 776-779, Nov. 2007.
- M. A. Smadi and V. K. Prabhu, "Partially Coherent BPSK in Fading Channels and Intersymbol Interference," IEEE 18th Personal, Indoor and mobile radio communications Conf. (PIMRC'07), Athens- Greece, pp. 1-5, Sep. 2007.
- M. A. Smadi, "Performance analysis of partially coherent frequency selective channels with Doppler shift," IEEE 17th Personal, Indoor and mobile radio communications Conf. (PIMRC'06), Helsinki-Finland, pp. 1-5, Sep. 2006.
- M. A. Smadi and V. K. Prabhu, "Partially coherent BPSK diversity receivers in cochannel interference," IEEE Global Telecomm. Conf. (GLOGECOM'05), St. Louis-MO, pp. 3398–3402, Dec. 2005.
- M. A. Smadi and V. K. Prabhu, "Useful bounds for the BEP of partially coherent faded PSK signals," IEEE Global Telecomm. Conf. (GLOGECOM'04), Dallas-TX, pp. 2843–2847, Dec. 2004.

- M. A. Smadi and V. K. Prabhu, "Analysis of partially coherent PSK systems in wireless channels with equal-gain combining," IEEE Canadian Conf. on Elect. and Computer Engineering (CCECE'04), Ontario-Canada, pp. 99–102, May 2004.
- M. A. Smadi and V. K. Prabhu, "Error rate analysis of DCPSK over generalized fading channels," IEEE Wireless Commun. and Network Conf. (WCNC'04), Atlanta-GA, pp. 65-70, March 2004.

THESIS COMMITTEE MEMBER

- Bassel AL-Nabulsi," Space-Time Coded OFDM Systems based on Low-Density Parity-Check Codes over Correlated Fading Channels," JUST, Irbid, Jordan, July 2006.
- Anas Salhab," Co-Channel Interference in Spread Spectrum MIMO Wireless Communications Systems," JUST, Irbid, Jordan, Jan. 2007.
- Mohammad Al-Qadi, "Power Allocation Strategies in Wireless Fading Channels with Transmit Diversity," JUST, Irbid, Jordan, Jan. 2008.

HONORS

- Hashemite University Ph.D. Scholarship   9/2001-9/2004
- Rudolf Hermanns Fellowship (UTA)   9/2001-9/2004
- Scholarship Office of Graduate Dean (UTA)   9/2004-5/2005
- TxTEC Scholarship (UTA)   Spring 2002

MEMBERSHIPS

- IEEE; Member
- Jordan Engineering Association; Member

SKILLS

- Personal: Excellent communication, presentation, and analytical skills. Work well individually, as well as, in team-oriented terms.
- Programming and Software: Very good in visual C++ language and Matlab. Familiar with Latex. Experience with Windows applications.

REFERENCES

Provided upon request.