

Curriculum Vitae (C.V.)

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Personal Information:	Place of Birth: Tehran-Iran Birth Date: April 17, 1974 Marital Status: Married - Two Children
Education:	<u>1998 – 2002 : Sharif University of Technology, Tehran-Iran</u> Ph.D./Communications. Ph.D. Thesis: Advanced Coding and Decoding Schemes for Optical CDMA Communication Systems <u>1996 – 1998 : Sharif University of Technology, Tehran-Iran</u> M.Sc./Communications. M.Sc. Thesis: Narrow-Band Interference Suppression in CDMA Systems. <u>1992 – 1996 : Sharif University of Technology, Tehran-Iran</u> B.Sc./ Electronics. B.Sc. Project: Coherent Lightwave Communication Systems.
Professional Experiences:	<u>September 2002- Now : Tarbiat Modares University, Tehran-Iran</u> Jun. 2011- Now : Full Professor, Elect. Eng. Dept. Jan. 2006- Jun. 2011: Associate Professor, Elect. Eng. Dept. Sept. 2002- Jan. 2006: Assistant Professor, Elect. Eng. Dept.

Research Interests:	Estimation and Detection Theory, Wireless Communication Systems, Information and Coding Theories, Digital Signal Processing, Resource Allocations in Communications, and Molecular Communication Systems Optical Communications, Physical layer security.
Patents:	<ol style="list-style-type: none"> 1- A. Rahmati, and P.Azmi, <i>Iterative Reconstruction System for Multicarrier OFDM Systems over Deep Fading Channels</i>, Iran Patent no. 68344 filed on 12/01/2011. 2- J. Abbasian, and P.Azmi, <i>Adaptive MIMO Communication System via Coding and Modulation Adaptation</i>, Iran Patent no. 67708 filed on 04/12/2010. 3- R.Alihemmati, and P.Azmi, <i>Turbo Multiuser Detector for 4QAM-MC-CDMA Communication System</i>, Iran Patent no. 67107 filed on 20/10/2010. 4- A.Haghibin, and P.Azmi, <i>Precoding for MIMO Communication Systems based on EM Algorithm</i>, Iran Patent no. 66131 filed on 15/08/2010. 5- H.Khani, and P.Azmi, <i>Weighted UWB-Time Reference Communication System</i>, Iran Patent no. 65654 filed on 20/07/2010.
Books:	1- P.Azmi, and H.Sadeghi, <i>Spectrum Sensing in Cognitive Radio Networks</i> , Tarbiat Modares University Press, 2017, and 2019.
IEEE Journals: From 2020	<p>[1] S.Salarhosseini, P.Azmi, and N. Mokari, "Minimizing Average Age of Information in Reliable Covert Communication on Time-Varying Channels," <i>IEEE Transactions on Vehicular Technology</i>, vol. 73, issue 1, pp. 651-659, January 2024.</p> <p>[2] A. Gharehgoli, A. Nouruzi, N. Mokari, P. Azmi, M.R. Javan, E.A. Jorswieck, "AI-based Resource Allocation in End-to-End Network Slicing under Demand and CSI Uncertainties," <i>IEEE Transactions on Network and Service Management</i>, vol. 20, issue 3, pp. 3630-3651, September 2023.</p> <p>[3] A. Souzani, M.A. Pourmina, P. Azmi, and M. Naser-Moghadasi, "Physical Layer Security Enhancement via IRS-based on PD-NOMA and Cooperative Jamming," <i>IEEE Access</i>, vol. 11, pp. 65956- 65967. July 2023.</p> <p>[4] C. Amini, P. Azmi, and S.S. Kashef, "Relay-Aided Based Physical Layer Security in VLC System with Improved Noise Model," <i>IEEE Transactions on Communications</i>, vol. 71, issue 7, pp. 4193-4203, July 2023.</p> <p>[5] M. Forouzesh, F.S. Khodadad, P. Azmi, A. Kuhestani, and H. Ahmadi, "Simultaneous Secure and Covert Transmissions Against Two Attacks Under Practical Assumptions," <i>IEEE Internet of Things Journal</i>, vol. 10, pp. 10160-10171, issue 12, 15 June 2023.</p> <p>[6] N. Moosavi, A. Zappone, P. Azmi, and M. Sinaie, "Delay-Aware and Energy-Efficient Resource Allocation for Reconfigurable Intelligent Surfaces," <i>IEEE Communications Letters</i>, vol. 27, no. 2, pp. 605-609, Feb. 2023.</p> <p>[7] A.H.Zarif, P.Azmi,N.Mokari, MR.Javan, E.A. Jorswieck, "AoI Minimization in Energy Harvesting and Spectrum Sharing Enabled 6G Networks," <i>IEEE Transactions on Green Communications and Networking</i>, vol. 4, no. 4, pp. 2043-2054, Dec. 2022.</p> <p>[8] N Banitalebi, P. Azmi, N. Mokari, A.H. Arani, H. Yanikomeroğlu, "Distributed Learning-Based Resource Allocation for Self-Organizing C-V2X Communication in Cellular Networks," <i>IEEE Open Journal of the Communications Society</i>, vol.3, pp. 1719-1736, Oct. 2022.</p>

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