

السيرة الذاتية لأعضاء الهيئة التدريسية في قسم هندسة الإلكترونيك

- (1) الاسم الثلاثي واللقب: أ.م.د. مجاهد فهمي ابراهيم العزو
- (2) الحالة الزوجية: متزوج
- (3) الدرجة العلمية: أستاذ مساعد
- (4) البريد الإلكتروني الرسمي: mujahid.ibrahem@uoninevah.edu.iq
- (5) الشهادات الحاصل عليها:

ت	الشهادة	الجامعة	السنة
1	بكالوريوس هندسة كهربائية/ إلكترونيك واتصالات	جامعة الموصل	1982
2	ماجستير هندسة كهربائية/ إلكترونيك واتصالات	جامعة الموصل	1985
3	دكتوراه هندسة كهربائية/ هندسة الاتصالات	جامعة الموصل	1999

(6) الاختصاص:

العام	هندسة كهربائية
الدقيق	هندسة الاتصالات

- (7) الاسم المستخدم لنشر البحوث حسب الكوكل سكولر: Mujahid Al-azzo
- (8) الاتجاهات البحثية:

ت	
1	معالجة الإشارة الرقمية
2	تحليل الطيف
3	تخمين اتجاه الإشارة الكهربائية-التصوير بالامواج فوق الصوتية

(9) البحوث المنشورة:

ت	عنوان البحث	مكان النشر	السنة
1	Modeling of Holographic Imaging of Volume Object Using Modified Covariance Method.	International Journal of Signal Processing	2019
2	High Resolution Techniques for Direction of Arrival Estimation of Ultrasonic Waves.	American Journal of Signal Processing.	2014
3	Comparison Between Classical and	International Journal of	2014

	Advances in Engineering & Technology.	Modern Methods of Direction of Arrival (DOA) Estimation.	
2011	International journal of signal and imaging system engineering.	Noise Subspace Based Technique - Resolution Improvement for Acoustical Imaging of Concealed Rods.	4
2010	International Journal of Modeling and Simulation.	Back propagation neural network-Modified Covariance Modeling for Improvement of Holographic Imaging.	5
2010	International Arab Journal of Information Technology.	Multilayer Neural Network-Burg Combination for Acoustical.	6
2009	International Journal of Soft Computing Applications.	Detection of Buried Objects Holographic Imaging of Thick Object using MUSIC Technique	7
2009	International Journal of Recent Trends in Engineering.	Resolution Enhancement of Holographic Imaging of Concealed Object using Burg Method.	8
2008	International Arab Journal of Information Technology.	Modeling of Long Wavelength Detection of Objects Using Elman Network Modified Covariance Combination.	9
2007	International Journal of Circuits, Systems, and Signal Processing.	Eigen decomposition-Principal Components Technique for Resolution Enhancement of Acoustical Holographic Source Localization.	10
2007	WSEAS Journal, Transaction	Improved Resolution Detection of	11

	on Signal Processing.	Concealed Object (Rods) using Pisarenko Technique.	
2007	i-manager's Journal on Engineering and Technology.	Eigen decomposition Based Technique-Acoustical Holographic Imaging of Buried Objects (Rods).	12
2006	i-manager's Journal on Engineering and Technology.	Modeling of holographic Imaging using modified Covariance Method.	13
2006	WSEAS Journal, Transaction on Signal Processing.	Burg-Neural Network Based Holographic Source Localization.	14
2005	Asian Journal of Information Technology.	A Holographic Imaging Resolution Enhancement for Concealed Objects.	15
2000	Engineering science Journal, Basrah Univ.	Prony Model Based-Improvement of Long Wavelength Holographic Imaging Performance.	16
1996	Scientific Journal, Tikrit Univ.	Effect of Phase Error on Holographic Imaging Quality of a Plane and Thick Object.	17
1994	Al-Rafidain Eng. Journal	Feasibility of Holographic Imaging Using Three Holograms.	18
1994	Technical Journal, Technical Institute Foundation.	On-Line Microcomputer-Based Multilevel Integrator.	19
2019	19 th International Conference on Signal Processing, Computational Geometry and Artificial Vision, Greece.	Modeling of Holographic Imaging of Volume Object Using Modified Covariance Method.	20

2013	WSEAS Recent Advances in Telecommunications, Signals and Systems. Cyprus.	High Resolution Long Wavelength Ultrasonic Imaging Through Different Concealing Media Using MUSIC Method.	21
2008	An International Workshop on Signal Processing and its Applications, UAE.	Eigenvector(EV)-Based Technique for high resolution detection of concealed rods.	22
2008	The 8th WSEAS International Conference on Multimedia Systems and Signal Processing, China.	Principal Components-Minimum Variance Based Technique for High Resolution Detection of Concealed Object.	23
2007	International Conference on Robotics, Vision, Information and Signal Processing, Malaysia.	Burg Method Based-Holographic Source Localization.	24
2005	4 th IASTED International Conference on Communication, Internet, and Information Technology, USA.	Resolution Enhancement of Long wavelength Imaging of Concealed Objects.	25
2005	2nd International Conference on Innovations in Information Technology, UAE.	Combination of Neural Network-Burg Methods for Improvement of Spectral Estimation Performance.	26
2005	The IEEE Third International Conference on Systems, Signals, and Devices, Tunisia.	A Neural Network Based-Signal Enhancement for Spectral Estimation of Signal Parameters.	27
2005	3rd World Enformatika, Turkey.	A MUSIC Method Based-Ultrasonic Holographic Imaging Of Buried Objects.	28
2004	SIP'2004, USA.	Spatial Resolution Enhancement	29

		for Detection of Buried Ultrasonic Emitting Source.	
2004	CATAEE'2004, Jordan.	A Holographic Imaging Resolution Enhancement for Concealed Objects.	30
2001	International Conference On Modeling, Identification, and Control, Austria.	Prony Model-Based Imaging of Buried Object with Different Concealing Media.	31
1999	International Conference On Computer Graphic and Imaging, California, USA.	Improved Resolution For Buried Object Imaging.	32
1999	International Conference On Signal and Image Processing, SIP'99, Bahamas.	High Resolution Imaging Of Concealed Object By Ultrasound.	33
1998	International Conference on Signal and Image Processing, SIP'98, Las Vegas, USA.	Holographic Resolution Enhancement Using Prony Method.	34
1992	1st Basrah Elect. Conference, 1992, Basrah Univ.	Improved Long wavelength Holographic Imaging Utilizing Two Holograms.	35
1986	2nd International Baghdad Conference on Computer and Applications.	A Microprocessor-Based Ultrasonic Holographic Imaging System.	36
1985	JIEEEEC' 85, Jordan.	An Ultrasonic Holographic Imaging System.	37
1985	IEEE MELCON' 85, Spain.	Imaging Of Concealed Objects By Ultrasound.	38

(10) رسائل الماجستير والدكتوراه التي تم الاشراف عليها:

ت	عنوان الرسالة	القسم	السنة
1	Resolution Enhancement for Ultrasonic Imaging using Multiple Signal Classification (MUSIC) Method.	Communication Engineering Department –Electronic College.	2013
2	Investigation of Some Modern Direction of Arrival (DOA) Estimation Methods.	Communication Engineering Department –Electronic College.	2014

(11) الخبرات السابقة:

العمل في جامعات خارج العراق (عضو هيئة تدريس) لأكثر من عشر سنوات.