

Author	Research	journal	Year of Publication
Adnan Dawood and Mahmoud Kachit	A STUDY OF THE EFFECTS OF LOADING AMPLITUDE AND INDUCED STRESS RATIO ON FATIGUE LIFE OF A NODULAR GRAPHITE CAST IRON STRUCTURE UNDERGOING MULTI-AXIAL PROPORTIONAL CYCLIC LOADING	International Journal of Mechanical and Production Engineering Research and Development	2018
Adnan Dawood and Mahmoud Kachit	Effects of Features of Graphite Nodules on Stress Concentration in Nodular Graphite Cast Iron Material under Multi-Axial Loading	International Journal of Applied Engineering Research	2017
Ibtihal A. Mahmood, Adnan D. Mohammed, and Rawnak Ahmed Mohammed	Improving microstructure and mechanical properties of AL-A332 Alloy reinforced by Al ₂ O ₃ Micro and nano composites fabricated by stir casting	Journal of University of Duhok	2014
Ibtihal A. Mahmood, Adnan D. Mohammed, and Rawnak Ahmed Mohammed	Improving wear resistance of Al 332 Alloy by Matrix-Micro-Nano Al ₂ O ₃ particles reinforced composite	Al-Khwarizmi Engineering Journal	2014
Adnan Dawood	The Estimation of Random Response of a Coupled Cylinder-Cone System Using Statistical Energy Analysis	Journal of Engineering and technology	2011

Adnan Dawood and Hawraa Safaa	The estimation of vibrational energy of two coupled (welded) plates using statistical Energy Analysis	Al-Khawarizmi Engineering Journal	2011
Muhsin J. Jweeg, Adnan Dawood, & Muhsin A. Alshamary	'Theoretical and experimental investigations of vibration characteristics of a combined composite cylindrical-conical shell structure', Journal of Engineering and Technology	Journal of Engineering and Technology	2011
Muhsin J. Jweeg, Adnan Dawood, & Muhsin A. Alshamary	A study of the effect of semi-angle of cone on the vibration characteristics of cylindrical-conical coupled shell structure', Journal of Engineering	Journal of Engineering, College of Engineering, University of Baghdad	2011
Adnan Dawood	Development of a four arms viscoelastic damper and its application to a heavy floor vibration due to walking excitation	Journal of Engineering and Technology	2009
Adnan D Mohammed, Muhsin J Jweeg, Nabil N Swadi	a Novel Deployable open ends support reflector	Journal of Engineering and Technology	2008
Safaa H Abdulrahman, Adnan D Mohammed	An approach for forming spur gear tooth profile	Journal of Engineering and Technology	2008
Adnan D Mohammed	Coupling between rectangular panel modes and acoustical modes in rectangular cavity	Journal of Engineering and Technology	2008

Ibrahim Saidi, Adnan D Mohammed, Emad F Gad, John Wilson	'Development of a Viscoelastic Tuned Mass Damper for Floor Vibration applications	Australasian Structural Engineering Conference, Melbourne, Australia	2008
Ibrahim Saidi, Adnan D Mohammed, Emad F Gad, John L Wilson,	'Optimum Design for a Passive Tuned Mass Dampers Using Viscoelastic Materials', Australian Earthquake Engineering Society Conference, Wollongong, Australia.	Australian Earthquake Engineering Society Conference, Wollongong	2007
M. J. Jweeg, Adnan. D. Mohammed and M. Faidthallah,	Optimal design of graphite/epoxy composite laminate plates under cryogenic environment. Numerical and experimental investigations.	proceedings of the 4th Jordanian civil engineering conference	2006
Adnan. D. Mohammed, S.H. Abdulrahman, and M. A. Saleh	Application studies for reducing the harmful vibrations on blades of high and low pressure stages of steam turbines	Journal of Engineering and Technology	2008
Adnan D. Mohammed, I. A. Hadi, T. A. Aldori,	Evaluation of mesh stiffness and torsional rigidity of spur gears,	Journal of Engineering and Technology	2005
Adnan Dawood	A study of the dissipated energy of vibration in non-conservatively coupled structures	Journal of M.E.C	2000
Adnan D. Mohammed, 1993.	The estimation of energy of vibration using Statistical Energy Analysis	proceedings of second M.E.C conference, Baghdad	1993

Frank J. Fahy and Adnan. D. Mohammed	A study of uncertainty in applications of SEA to coupled beam and plate systems, Part I: computational experiments’.	Journal of sound and vibration	1992
Adnan. D. Mohammed and Frank. J. Fahy	A study of uncertainty in application of Statistical Energy Analysis to one-dimensional and two-dimensional structural systems’. UK, 1990.	Proceedings of the conference of the Institute of Acoustics United kingdom	1990
V. I. Gulyaev, , P. Z. Lugovoi, Yu. A. Zaets, and M. Nabil	Evolution of the Fronts of Quasi-Compressional and Quasi-Shear Discontinuous Waves in Inhomogeneous Transversely Isotropic Elastic Media.	International Applied Mechanics	2011
Nabil.W Musa , V.I. Gulyayev, L.V. Shevchuk , Hasan Aldabas	Whirl Interaction of Drill Bit with the Bore-hole Bottom.	Modern Mechanical Engineering	2015
Nabil W. Musa, V.I. Gulyayev, N.V. Shlyun and Hasan aldabbas	Critical buckling of drill strings in cylindrical cavities of inclined bore-holes.	Journal of Mechanics Engineering and Automation	2016
Nabil Wanas Musa	The Use of Genetic Approach to the kinematics of Cutting	World Journal of Mechanics	2016

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Nabil W. Musa, V. I. Gulyayev , G. M. Ivanchenko , Yu. A. Zaets , Hasan Aldabas	Transformation of seismic discontinuous waves by hyperboloid interfaces in anisotropic elastic media	International Journal of Scientific & Engineering Research	2014
Nabil Wanas Musa	Investigation on torsional vibration of drill string in cylindrical cavities of vertical bore- hole with liquid medium	International Journal of Mechanical and Production, Engineering Research and Development (IJMPERD)	2018
Nabil Wanas Musa	Transformation of discontinues wave front in elastic layered media with variable density	International Journal of Mechanical Engineering and Technology (IJMET)	2018
Nabil Wanas Musa	The transformation of the wave front at the transversely elastic medium with variable properties.	International Journal of Mechanical and Production, Engineering Research and Development (IJMPERD)	2018
Sayel M. Fayyad, Nabil Musa, Hassan Dabbas, and Muhammad Gogazeh	Static And Dynamic Analysis Of Bevel Gear Set	Journal of Mechanical and Civil Engineering	2017

Muhammad Gogazeh	Characteristics and Analysis for Mechanical Instrumentation Used to Measure Fluid Viscosity	International Journal of Innovative Science and Modern Engineering	2016
Mohammad Quqazeh, Hasan .A.Aldabbas, Monzer.M. Krishan, Nabil Musa	Characteristics and Analysis for Mechanical Instrumentation Used to Measure Fluid Viscosity	International Journal of Innovative Science and Modern Engineering	2016
Hasan AL Dabbas, Nabil M Musa, Mohammad Quqazeh	Mechanical Characteristic of concentric and Eccentric Drilling Cutting Tool	International Journal of Applied Engineering Research	2015
Muhammad Gogazeh ¹ , Sayel M. Fayyad ² , Hassan Dabbas ³ , and Nabil Musa ⁴	Three Dimensional Stress-Strain Analysis of a Typical Gas Turbine Blade Using Finite Element Method	Conference of mechanical engineering –Jordan engineers association	2019
Muhammad.M. Gogazeh Hassan aldabass	Three dimensional analysis of bolted joint member stiffness using frusta method	INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING and technology	2020

Khalil Azimeh1 and Muhammad Gogazeh 2	Extending the service life of oil pumps by detonation coating	Australian journal of basic and applied science	2014
Munzer S.Y. Ebaid and Laith R. Batarseh	Impact of eccentricity on heat transfer in an annular square filled with saturated porous medium	Journal of Porous Media	2017
M. Hammad, and L. Batarseh	INNOVATIVE WIND TURBINE SELECTION METHOD USING MODIFIED WEIBULL PROBABILITY FUNCTION	Journal of Architectural Engineering Technology	2015
Munzer S.Y. Ebaid, Osamah M. Haddad and Laith R. Batarseh	Numerical investigation of fully developed laminar flow in irregular annular ducts: Triangular–circular combinations	Energy Conversion and Management	2014
Hamzeh Duwairi, A.Al-Qaisiah and Laith Batarseh	Isentropic sound wave propagation in a saturated porous media	ChemXpres	2014
L.R. Batarseh and H.M. Duwairi	PERMEABILITY EFFECT ON SOUND WAVE PROPAGATION IN SATURATED POROUS LAYER LIED OVER FLAT PLATE	International Journal of Heat & Technology	2011
L.R. Batarseh and H.M. Duwairi	ISENTROPIC SOUND PROPAGATION ANALYSIS AND OPTIMIZATION OVER FLAT PLATE OF SATURATED POROUS MEDIA WITH VARIABLE PERMEABILITY	International Journal of Heat & Technology	2011

Khaled M. Bataineh, Nadia Fayez	Analysis of Thermal Performance Of Building Attached Sunspace	Energy And Buildings Journal, Vol	2011
N. Badarneh1 and S. Kiwan2	ZeroNet Energy Building in Jordan,	GCREEDER	2011
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Mohammad Quqazeh, Hasan .A.Aldabbas, Monzer.M. Krishan, Nabil Musa	Characteristics and Analysis for Mechanical Instrumentation Used to Measure Fluid Viscosity	International Journal of Innovative Science and Modern Engineering	2016
Hasan AL Dabbas, Nabil M Musa, Mohammad Quqazeh	Mechanical Characteristic of concentric and Eccentric Drilling Cutting Tool	International Journal of Applied Engineering Research	2015
Muhammad Gogazeh ¹ , Sayel M. Fayyad ² , Hassan Dabbas ³ , and Nabil Musa ⁴	Three Dimensional Stress-Strain Analysis of a Typical Gas Turbine Blade Using Finite Element Method	Conference of mechanical engineering –Jordan engineers association	2019
Muhammad.M. Gogazeh Hassan aldabass	Three dimensional analysis of bolted joint member stiffness using frusta method	INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING and technology	2020

Sayel M. Fayyad ¹ , Nabil Musa ² , Hassan Dabbas ³ , and Muhammad Gogazeh ⁴	Static And Dynamic Analysis Of Bevel Gear Set	Journal of Mechanical and Civil Engineering (IOSR- JMCE)	2015
Vikram G. Kamble, Punyapriya Mishra, Hassan A. Al Dabbas, H. S. Panda and Johnathan Bruce Fernandez	Abrasive Wear Performance of Aluminium Modified Epoxy-Glass Fiber Composites	Journal of Molecular and Engineering Materials	2015
Hassan Dabbas	A study of efficiency eccentric drilling-milling chuck	International Journal of Materials, Mechanics and Manufacturing,	2015
Juriy Nikolayevitch Kuznetsov Penka Milkova Nedeltcheva Hasan Al-Dabbas	COMPUTER MODELING AND STUDY OF FORCE CHARACTERISTICS OF ECCENTRIC DRILL CHUCK Based	International Journal of Sciences: Basic and Applied Research (IJSBAR)	2013

Basim Alhadidi1 , Faisal Y Alzyoud2 , Ayman Alawin3 and Hasan Aldabbas4	A Moderated Hob Based Broadcasting Algorithm for MANETs	International Journal of Computer and Communication Engineering,	2015
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Ebaid M. S. Y, Mohamad Y. Mustafa	A hybrid power plant to reduce emission	Jordan journal of mechanical and industrial engineering (JJMIE)	2010

Mohammed Khasawneh, Mohammad Malkawi, Munzer ebaid, Sa'ad Hayajneh, Haytham EL-shyoukh, Hadeel Qasaimeh	A Security Embedded Infrastructure for Tele-Traffic Speed Control	Journal of Franklin Insitute	2009
Al-Hamdan Q. Z, Ebaid M. S. Y.	Modeling and Simulation of a Gas Turbine Engine for Power Generation	Journal of Engineering for Gas Turbines and Power	2005
Ebaid M. S. Y, Al-Hamdan Q. Z	Optimization Techniques for Designing an Inward Flow Radial Turbine Rotor	Journal of Power and Energy	2004
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Al-Hassen T. S., Patrick C. K., Bhinder F. S, Ebaid M. S. Y	Modular Design of High-speed Permanent Magnet Axial Flux Generator	IEEE Trans. On Magnetics	2000
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Munzer.S.Y. Ebaid, Mamdoh Al-Busoul, Ayoup.M. Ghrair	Experimental Heat Transfer Enhancement of Photovoltaic (PV) Panels Using Two Types of Nanofluids: (Tio2) Nanofluid in WaterPolyethylene Glycol Mixture and (Al2O3) Nanofluid In Water-Cetyltrimethylammonium Bromide Mixture	Journal of Enhanced Heat Transfer	
Munzer.S.Y. Ebaid,Shatha Ammorah, and Kutiaba J.M Al-khishali	Design, build, and test a formula student racing car: An educational engineering exercise at Philadelphia University	International Journal of Mechanical Engineering Education	2016
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A.M. Maqableh, A.F. Khadrawi, M.A. Al-Nimr, S. Ammourah & A.C. Benim	Heat Transfer Characteristics of Parallel and Counter Flow Microchannel Heat Exchangers with Varying Wall Resistance	<i>Progress in Computational Fluid Dynamics</i>	2011
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