

1992-2013 Yılları Arası Trakya Üniversitesi Mühendislik Fakültesine Ait SCI/SCI-E Yayınları

NO	YAZARLAR	MAKALE ADI	YIL	DERGİ ADI	CİLT	NO	SAYFA	ATIF
145	Celen, Soner; Kahveci, Kamil	Microwave drying behaviour of apple slices	2013	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART E-JOURNAL OF PROCESS MECHANICAL ENGINEERING	227	4	264-272	0
144	Aydogdu, Metin; Maroti, Gyoergy; Elishakoff, Isaac	A note on semi-inverse method for buckling of axially functionally graded beams	2013	JOURNAL OF REINFORCED PLASTICS AND COMPOSITES	32	7	511-512	0
143	Cetinarslan, Cem S.; Guzey, Ali	TENSILE PROPERTIES OF COLD-DRAWN LOW-CARBON STEEL WIRES UNDER DIFFERENT PROCESS PARAMETERS	2013	MATERIALI IN TEHNOLOGIJE	47	2	245-252	0
142	Sahin, Mumin; Cil, Ender; Misirli, Cenk	Characterization of Properties in Friction Welded Stainless Steel and Copper Materials	2013	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	22	3	840-847	0
141	Uymaz, B.; Aydogdu, M.	Three dimensional mechanical buckling of FG plates with general boundary conditions	2013	COMPOSITE STRUCTURES	96		174-193	4

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140	Uymaz, B.; Aydogdu, M.	Three dimensional shear buckling of FG plates with various boundary conditions	2013	COMPOSITE STRUCTURES	96		670-682	5
139	Tuna, G.; Arkoc, O.; Koulouras, G.; et al.	Navigation System of an Unmanned Boat for Autonomous Analyses of Water Quality	2013	ELEKTRONIKA IR ELEKTROTEHNIKA	19	8	3-7	0
138	Sahin, Mumin; Dinc, Murat; Misirli, Cenk	Mechanical and metallurgical properties of AlTiN-coated HSS materials	2013	INDUSTRIAL LUBRICATION AND TRIBOLOGY	65	6	418-424	0
137	Sahin, Mumin; Cetinarslan, Cem; Misirli, Cenk	Materials flow for different lubricants during cold forming	2013	INDUSTRIAL LUBRICATION AND TRIBOLOGY	65	5	287-296	0
136	Basaran, Umit Nusret; Ayvaz, Suleyman; Aksu, Burhan; et al.	Desferrioxamine Reduces Oxidative Stress in the Lung Contusion	2013	SCIENTIFIC WORLD JOURNAL		376 959		0

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135	Mumcu, T. V.; Aliskan, I.; Gulez, K.; et al.	Reducing Moment and Current Fluctuations of Induction Motor System of Electrical Vehicles by using Adaptive Field Oriented Control	2013	ELEKTRONIKA IR ELEKTROTEKNIKA	19	2	21-24	0
134	Aliskan, I.; Gulez, K.; Tuna, G.; et al.	Nonlinear Speed Controller Supported by Direct Torque Control Algorithm and Space Vector Modulation for Induction Motors in Electrical Vehicles	2013	ELEKTRONIKA IR ELEKTROTEKNIKA	19	6	41-46	0
133	Ozturk, Aysegul	MHD SLIP FLOW BETWEEN PARALLEL PLATES HEATED WITH A CONSTANT HEAT FLUX	2013	ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY	33	1	11-20	0
132	Oztuna, Semiha; Kahveci, Kamil	NATURAL CONVECTION HEAT TRANSFER OF NANOFLUIDS IN A PARTIALLY DIVIDED ENCLOSURE	2013	ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY	33	1	139-154	0
131	Celen, Soner; Kahveci, Kamil	Microwave Drying Behaviour of Tomato Slices	2013	CZECH JOURNAL OF FOOD SCIENCES	31	2	132-138	0

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130	Tatli, Ersan; Alicik, Guray; Buturak, Ali; et al.	Arrhythmias following Revascularization Procedures in the Course of Acute Myocardial Infarction: Are They Indicators of Reperfusion or Ongoing Ischemia?	2013	SCIENTIFIC WORLD JOURNAL	160 380			0
129	Dogan, H.; Gueven, A.; Hicsasmaz, Z.	Extrusion Cooking of Lentil Flour (Lens Culinaris-Red)-Corn Starch-Corn Oil Mixtures	2013	INTERNATIONAL JOURNAL OF FOOD PROPERTIES	16	2	341-358	0
128	Dursun, Bahtiyar; Gokcol, Cihan; Umut, Ilhan; et al.	Techno-Economic Evaluation of a Hybrid PV-Wind Power Generation System	2013	INTERNATIONAL JOURNAL OF GREEN ENERGY	10	2	117-136	2
127	Cetinarslan, C. S.; Sahin, M.; Genc, S. Karaman; et al.	Mechanical and metallurgical properties of ion-nitrided austenitic-stainless steel welds	2012	MATERIALS SCIENCE-POLAND	30	4	303-312	0
126	Cetinarslan, Cem S.	A study on influences of some process parameters on cold drawing of ferrous wires	2012	INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES	19	4	221-228	0

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125	Aydogdu, Metin	Axial vibration analysis of nanorods (carbon nanotubes) embedded in an elastic medium using nonlocal elasticity	2012	MECHANICS RESEARCH COMMUNICATIONS	43		34-40	7
124	Aydogdu, Metin	Longitudinal wave propagation in nanorods using a general nonlocal unimodal rod theory and calibration of nonlocal parameter with lattice dynamics	2012	INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE	56		17-28	0
123	Polat, Burak	Space-Curve Types of Distributions and Sources	2012	IEEE ANTENNAS AND PROPAGATION MAGAZINE	54	3	68-85	0
122	Aksencer, Tolga; Aydogdu, Metin	Forced transverse vibration of nanoplates using nonlocal elasticity	2012	PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES	44	7-8	1752-1759	4
121	Polat, Burak	A DISTRIBUTIONAL INVESTIGATION OF POINT SOURCES IN CLASSICAL ELECTROMAGNETISM	2012	REVUE ROUMAINE DES SCIENCES TECHNIQUES-SERIE ELECTROTECHNIQUE ET ENERGETIQUE	57	2	123-133	0

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120	Gurdas, Sevim; Gulec, Haci Ali; Mutlu, Mehmet	Immobilization of Aspergillus oryzae beta-Galactosidase onto Duolite A568 Resin via Simple Adsorption Mechanism	2012	FOOD AND BIOPROCESS TECHNOLOGY	5	3	904-911	7
119	Sezek, S.; Misirli, C.; Aksakal, B.; et al.	The Effects of Square and Circular Die-Orifices on the Performance of Combined Extrusion-Forging Process	2012	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	21	4	500-507	0
118	Uymaz, Bahar; Aydogdu, Metin; Filiz, Seckin	Vibration analyses of FGM plates with in-plane material inhomogeneity by Ritz method	2012	COMPOSITE STRUCTURES	94	4	1398-1405	4
117	Copuroglu, Cem; Heybeli, Nurettin; Ozcan, Mert; et al.	Major Extremity Injuries Associated with Farmyard Accidents	2012	SCIENTIFIC WORLD JOURNAL		314	038	0
116	Eryilmaz, H. Baris; Memis, Dilek; Sezer, Atakan; et al.	The Effects of Different Insufflation Pressures on Liver Functions Assessed with LiMON on Patients Undergoing Laparoscopic Cholecystectomy	2012	SCIENTIFIC WORLD JOURNAL		172	575	0

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115	Altınbalık, Tahir; Can, Yilmaz	An upper bound analysis and determination of the barrelling profile in upsetting	2011	INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES	18	6	416-424	1
114	Zor, Omer; Polat, Burak	An Implementation of King's Green Functions in Thin Wire Scattering Problems	2011	APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL	26	12/SI	1024-1038	1
113	Aydogdu, Metin; Filiz, Seckin	Modeling carbon nanotube-based mass sensors using axial vibration and nonlocal elasticity	2011	PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES	43	6	1229-1234	24
112	Aksencer, Tolga; Aydogdu, Metin	Levy type solution method for vibration and buckling of nanoplates using nonlocal elasticity theory	2011	PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES	43	4	954-959	32
111	Kahveci, Kamil; Ogut, Elif Buyuk	Mixed Convection of Water-Based Nanofluids in a Lid-Driven Square Enclosure with a Heat Source	2011	HEAT TRANSFER RESEARCH	42	8	711-735	0

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110	Sahin, Mumin; Sevil, Ceyhun	Investigation of properties of ion-nitrided AISI 304 austenitic-stainless steel	2011	INDUSTRIAL LUBRICATION AND TRIBOLOGY	63	5	359-366	0
109	Serteller, N. F. O.; Ak, A. G.; Kocyigit, G.; et al.	Experimental Study of Moment Method for Undergraduates in Electromagnetic	2011	ELEKTRONIKA IR ELEKTROTEHNIKA		3	115-118	0
108	Toylan, Hayrettin; Kuscu, Hilmi	A research on SCADA application by the help of OPC server for the water tank filling system	2010	SCIENTIFIC RESEARCH AND ESSAYS	5	24	3932-3938	0
107	Becenen, Nilgun; Eker, Bulent; Sahin, Mumin	Mechanical properties of plastic matrix composite materials used in tractor bonnets	2010	JOURNAL OF REINFORCED PLASTICS AND COMPOSITES	29	24	3637-3644	0
106	Ozbalta, Turkan Goksal; Kartal, Semiha	Heat gain through Trombe wall using solar energy in a cold region of Turkey	2010	SCIENTIFIC RESEARCH AND ESSAYS	5	18	2768-2778	3

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105	Filiz, Seckin; Aydogdu, Metin	Axial vibration of carbon nanotube heterojunctions using nonlocal elasticity	2010	COMPUTATIONAL MATERIALS SCIENCE	49	3	619-627	33
104	Can, Ahmet; Kanturer, Tamer	Theoretical and Experimental Study for the Drying Process of Glass Colour According to Mass Transfer Laws	2010	STROJARSTVO	52	5	501-506	0
103	Kahveci, Kamil	Buoyancy Driven Heat Transfer of Nanofluids in a Tilted Enclosure	2010	JOURNAL OF HEAT TRANSFER-TRANSACTIONS OF THE ASME	132	6		11
102	Celen, Soner; Kahveci, Kamil; Akyol, Ugur; et al.	DRYING BEHAVIOR OF CULTURED MUSHROOMS	2010	JOURNAL OF FOOD PROCESSING AND PRESERVATION	34	1	27-42	1
101	Bozkurt, Aytul; Akdeniz, Rafet; Ucar, Erdem	Call Admission Control Jointly with Resource Reservation in Cellular Wireless Networks	2010	EURASIP JOURNAL ON WIRELESS COMMUNICATIONS AND NETWORKING		740 575		0

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100	Mesut, Altan; Carus, Aydın	ISSDC DIGRAM CODING BASED LOSSLESS DATA COMPRESSION ALGORITHM	2010	COMPUTING AND INFORMATICS	29	5	741-756	0
99	Cetinarslan, Cem S.; Sahin, Mumin	Determining the influence of surface roughness on materials flow of various materials using grid lines during cold forming	2010	INDUSTRIAL LUBRICATION AND TRIBOLOGY	62	1	4-11	2
98	Akyol, Ugur; Cihan, Ahmet; Shaliyev, Rafayel	Thermophysical parameter estimation of a wool bobbin during convective drying process	2010	INVERSE PROBLEMS IN SCIENCE AND ENGINEERING	18	2	227-240	2
97	Can, Ahmet; Kanturer, Tamer	THE THEORETICAL AND PRACTICAL STUDY ABOUT INCREASING THE CAPACITY OF AUTOCLAVE HEAT EXCHANGER	2010	ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY	30	2	69-76	0
96	Karaoglu, P.; Aydogdu, M.	On the forced vibration of carbon nanotubes via a non-local Euler-Bernoulli beam model	2010	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE	224	C2	497-503	7

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95	Kahveci, Kamil; Oeztuna, Semiha	MHD natural convection flow and heat transfer in a laterally heated partitioned enclosure	2009	EUROPEAN JOURNAL OF MECHANICS B-FLUIDS	28	6	744-752	21
94	Hacihafizoglu, O.; Cihan, A.; Kahveci, K.; et al.	Diffusion model for thin layer drying process of corn	2009	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART E-JOURNAL OF PROCESS MECHANICAL ENGINEERING	223	E4	233-241	0
93	Aydogdu, Metin	A general nonlocal beam theory: Its application to nanobeam bending, buckling and vibration	2009	PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES	41	9	1651-1655	85
92	Kilicaslan, Yilmaz; Guner, Edip Serdar; Yildirim, Savas	Learning-based pronoun resolution for Turkish with a comparative evaluation	2009	COMPUTER SPEECH AND LANGUAGE	23	3	311-331	0
91	Aydogdu, Metin	A new shear deformation theory for laminated composite plates	2009	COMPOSITE STRUCTURES	89	1	94-101	47

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90	Eruslu, S. Ozmen; Aydogdu, Metin	Vibration Analysis of Inclusion Reinforced Composite Square Plates under Various Boundary Conditions	2009	JOURNAL OF REINFORCED PLASTICS AND COMPOSITES	28	8	995-1012	0
89	Ece, Mehmet Cem; Ozturk, Aysegul	Boundary-layer flow about a vertical spinning cone under mixed thermal boundary conditions and a magnetic field	2009	MECCANICA	44	2	177-187	1
88	Cetinarslan, Cem S.	Effect of cold plastic deformation on electrical conductivity of various materials	2009	MATERIALS & DESIGN	30	3	671-673	13
87	Aydogdu, Metin	Axial vibration of the nanorods with the nonlocal continuum rod model	2009	PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES	41	5	861-864	98
86	Karacavus, Berrin; Can, Ahmet	Thermal and economical analysis of an underground seasonal storage heating system in Thrace	2009	ENERGY AND BUILDINGS	41	1	1-10	2

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85	Kuscu, H.; Sahin, M.; Becenen, I.	Experimental Determination of Temperature by the Friction Welding Method	2009	HEAT TRANSFER RESEARCH	40	2	103- 110	0
84	Can, Yilmaz; Kahveci, Kamil; Cihan, Ahmet	Numerical Investigation of Heat Transfer in Friction Welding of Cylindrical Tubes	2009	HEAT TRANSFER RESEARCH	40	4	281- 291	1
83	Sahin, Mumin	Joining of stainless steel and copper materials with friction welding	2009	INDUSTRIAL LUBRICATION AND TRIBOLOGY	61	6	319- 324	7
82	Sahin, Mumin	Characterization of properties in plastically deformed austenitic-stainless steels joined by friction welding	2009	MATERIALS & DESIGN	30	1	135- 144	7
81	Oymael, S.	EXAMINATION OF CREEP AND SHRINKAGE BEHAVIOR OF CONCRETES WITH OIL SHALE ASH SUBSTITUTED CEMENTS	2009	OIL SHALE	26	1	19-27	0

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80	Ece, Mehmet Cem; Ogut, Elif Buyuk	Mixed convection in a lid-driven and inclined square enclosure under a magnetic field	2009	PROGRESS IN COMPUTATIONAL FLUID DYNAMICS	9	1	43-51	1
79	Can, Ahmet; Sahin, Mumin; Kucuk, Mahmut	Thermically Evaluation and Modelling of Friction Welding	2009	STROJARSTVO	51	1	5-13	0
78	Lee, Man Seung; Filiz, M.	Solvent Extraction of Mn(II) from Strong Hydrochloric Acid Solutions by Alamine336	2008	MATERIALS TRANSACTIONS	49	11	2642-2647	2
77	E. Gonulol, R. Polat, P. Ulger, B. Kayisoglu, H. Kuscü, F. Toruk And C. Polat	Stray Voltage Problems in Dairy Farms and Effects on Animal Behavior	2008	PHILIPPINE AGRICULTURAL SCIENTIST ISSN 0031-7454	91	4	251-260	
76	Kuşçu H. Becenen İ., Şahin M.	Evaluation Of Temperature And Properties At Interface Of AISI 1040 Steels Joined By Friction Welding	2008	Assembly Automation	28	4	308-316	

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75	Ozel, Kaan; Sahin, Mumin; Akdogan, Aysegul	Mechanical and Metallurgical Properties of Aluminium and Copper Sheets Joined by Cold Pressure Welding	2008	STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING	54	11	796-806	2
74	Aydogdu, Metin	Effects of shear deformation on vibration of doublewalled carbon nanotubes embedded in an elastic medium	2008	ARCHIVE OF APPLIED MECHANICS	78	9	711-723	28
73	Karacavus, Berrin; Can, Ahmet	Experimental investigation of a solar energy heating system under the climatic conditions of Edirne	2008	RENEWABLE ENERGY	33	9	2084-2096	2
72	Cihan, Ahmet; Kahveci, Kamil; Hacihafizoglu, Oktay; et al.	A diffusion based model for intermittent drying of rough rice	2008	HEAT AND MASS TRANSFER	44	8	905-911	5
71	Aydogdu, Metin	Semi-inverse method for vibration and buckling of axially functionally graded beams	2008	JOURNAL OF REINFORCED PLASTICS AND COMPOSITES	27	7	683-691	24

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70	Aydogdu, Metin	Vibration of multi-walled carbon nanotubes by generalized shear deformation theory	2008	INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES	50	4	837-844	44
69	Aydogdu, Metin; Timarci, Taner	Free vibrations of antisymmetric angle-ply laminated thin square composite plates	2008	JOURNAL OF ADVANCED MATERIALS	40	2	57-64	0
68	Hacihafizoglu, Oktay; Cihan, Ahmet; Kahveci, Kamil; et al.	A liquid diffusion model for thin-layer drying of rough rice	2008	EUROPEAN FOOD RESEARCH AND TECHNOLOGY	226	4	787-793	19
67	Kahveci, Kamil; Oeztuna, Semiha	A differential quadrature solution of MHD natural convection in an inclined enclosure with a partition	2008	JOURNAL OF FLUIDS ENGINEERING-TRANSACTIONS OF THE ASME	130	2		1
66	Aydogdu, Metin	Conditions for functionally graded plates to remain flat under in-plane loads by classical plate theory	2008	COMPOSITE STRUCTURES	82	1	155-157	14

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65	Sahin, Mumin	Effect of surface roughness on weldability in aluminium sheets joined by cold pressure welding	2008	INDUSTRIAL LUBRICATION AND TRIBOLOGY	60	5	249-254	2
64	Sahin, Mumin; Akata, H. Erol; Ozel, Kaan	An experimental study on joining of severe plastic deformed aluminium materials with friction welding method	2008	MATERIALS & DESIGN	29	1	265-274	13
63	Mihlayanlar, E.; Dilmac, S.; Guner, A.	Analysis of the effect of production process parameters and density of expanded polystyrene insulation boards on mechanical properties and thermal conductivity	2008	MATERIALS & DESIGN	29	2	344-352	12
62	Sezek, S.; Aksakal, B.; Can, Y.	Analysis of cold and hot plate rolling using dual stream functions	2008	MATERIALS & DESIGN	29	3	584-596	9
61	Can, Yimaz; Misirli, Cenk	Analysis of spur gear forms with tapered tooth profile	2008	MATERIALS & DESIGN	29	4	829-838	5

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60	Altınbalık, Tahir; Ayer, Onder	A theoretical and experimental study for forward extrusion of clover sections	2008	MATERIALS & DESIGN	29	6	1182-1189	6
59	Uymaz, Bahar; Aydogdu, Metin	Three-dimensional vibration analyses of functionally graded plates under various boundary conditions	2007	JOURNAL OF REINFORCED PLASTICS AND COMPOSITES	26	18	1847-1863	12
58	Ece, M. C.; Bueyuek, E.	The effect of an external magnetic field on natural convection in an inclined rectangular enclosure	2007	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE	221	12	1609-1622	4
57	Ece, Mehmet Cem; Bueyuek, Elif	Natural convection flow under a magnetic field in an inclined square enclosure differentially heated on adjacent walls	2007	MECCANICA	42	5	435-449	9
56	Altınbalık, Tahir	A study of barreling profile and effect of aspect ratio on material flow in lateral extrusion of gear-like forms	2007	INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES	14	3	184-192	1

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55	Kahveci, Kamil	Natural convection in a partitioned vertical enclosure heated with a uniform heat flux	2007	JOURNAL OF HEAT TRANSFER- TRANSACTIONS OF THE ASME	129	6	717- 726	14
54	Ece, M. C.; Aydogdu, M.	Nonlocal elasticity effect on vibration of in-plane loaded double-walled carbon nano-tubes	2007	ACTA MECHANICA	190	1-4	185- 195	50
53	Aydogdu, Metin	Thermal buckling analysis of cross-ply laminated composite beams with general boundary conditions	2007	COMPOSITES SCIENCE AND TECHNOLOGY	67	6	1096- 1104	20
52	Sezgin, M.; Oezer, Marti Z.	Quantum integrable systems of the group U(1,3)	2007	INTERNATIONAL JOURNAL OF MATHEMATICS	18	5	483- 489	0
51	Ece, Mehmet Cem; Ozturk, Aysegul	Modelling unsteady convective heat transfer for fuel droplets	2007	ENERGY CONVERSION AND MANAGEMENT	48	3	689- 692	0

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50	Dilmac, Sukran; Guner, Abdurrahman; Senkal, Filiz; et al.	Simple method for calculation of heat loss through floor/beam-wall intersections according to ISO 9164	2007	ENERGY CONVERSION AND MANAGEMENT	48	3	826-835	3
49	Can, Ahmet; Karacavus, Berrin; Buyruk, Ertan	An Experimental Study on Solar Energy Storage	2007	STROJARSTVO	49	2	115-123	0
48	Kaya, Derya; Buyruk, Ertan; Can, Ahmet; et al.	Numerical Study of Heat Transfer Characteristics of Extended Surfaces	2007	STROJARSTVO	49	2	137-144	2
47	Galovic, Antun; Zivic, Marija; Can, Ahmet	Energy and exergy analysis of a parallel and counter-flow heat exchangers using measured data	2007	STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING	53	3	158-164	1
46	Can, Ahmet	An analytical method for determining the temperature dependent moisture diffusivities of pumpkin seeds during drying process	2007	APPLIED THERMAL ENGINEERING	27	2-3	682-687	4

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45	Akata, H. Erol; Sahin, Mumin; Ipekci, M. Turan	An investigation into reutilizing of waste materials using friction welding and upset manufacturing methods	2007	INDUSTRIAL LUBRICATION AND TRIBOLOGY	59	5	230-235	0
44	Kahveci, Kamil	Numerical simulation of natural convection in a partitioned enclosure using PDQ method	2007	INTERNATIONAL JOURNAL OF NUMERICAL METHODS FOR HEAT & FLUID FLOW	17	4	439-456	14
43	Sahin, Mumin; Cetinarslan, Cem S.; Akata, H. Erol	Effect of surface roughness on friction coefficients during upsetting processes for different materials	2007	MATERIALS & DESIGN	28	2	633-640	11
42	Altinbalik, Tahir; Akata, H. Erol; Can, Yilmaz	An approach for calculation of press loads in closed - die upsetting of gear blanks of gear pumps	2007	MATERIALS & DESIGN	28	2	730-734	3
41	Aydogdu, Metin; Taskin, Vedat	Free vibration analysis of functionally graded beams with simply supported edges	2007	MATERIALS & DESIGN	28	5	1651-1656	94

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40	Cetinarslan, Cem S.	Effect of aspect ratio on barreling contour and variation of total surface area during upsetting of cylindrical specimen	2007	MATERIALS & DESIGN	28	6	1907-1913	4
39	Sahin, Mumin	Evaluation of the joint-interface properties, of austenitic-stainless steels (AISI 304) joined by friction welding	2007	MATERIALS & DESIGN	28	7	2244-2250	21
38	Ece, Mehmet Cem; Aydogdu, Metin; Taskin, Vedat	Vibration of a variable cross-section beam	2007	MECHANICS RESEARCH COMMUNICATIONS	34	1	78-84	18
37	Oeztuna, Semiha	A differential quadrature solution of natural convection in an enclosure with a partial partition		NUMERICAL HEAT TRANSFER PART A-APPLICATIONS	52	11	1009-1026	4
36	Kahveci, Kamil	A differential quadrature solution of natural convection in an enclosure with a finite-thickness partition	2007	NUMERICAL HEAT TRANSFER PART A-APPLICATIONS	51	10	979-1002	16

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35	Aydogdu, Metin	Comparison of various shear deformation theories for bending, buckling, and vibration of rectangular symmetric cross-ply plate with simply supported edges	2006	JOURNAL OF COMPOSITE MATERIALS	40	23	2143-2155	15
34	Ece, Mehmet Cem	Free convection flow about a vertical spinning cone under a magnetic field	2006	APPLIED MATHEMATICS AND COMPUTATION	179	1	231-242	4
33	Aydogdu, M	Buckling analysis of cross-ply laminated beams with general boundary conditions by Ritz method	2006	COMPOSITES SCIENCE AND TECHNOLOGY	66	10	1248-1255	15
32	Ece, Mehmet Cem; Bueyuek, Elif	Natural-convection flow under a magnetic field in an inclined rectangular enclosure heated and cooled on adjacent walls	2006	FLUID DYNAMICS RESEARCH	38	8	564-590	41
31	Eryener, D	Thermoeconomic optimization of baffle spacing for shell and tube heat exchangers	2006	ENERGY CONVERSION AND MANAGEMENT	47	11-12	1478-1489	16

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30	Aydogdu, M; Ece, MC	Buckling and vibration of non-ideal simply supported rectangular isotropic plates	2006	MECHANICS RESEARCH COMMUNICATIONS	33	4	532-540	6
29	Aydogdu, Metin	Free vibration analysis of angle-ply laminated beams with general boundary conditions	2006	JOURNAL OF REINFORCED PLASTICS AND COMPOSITES	25	15	1571-1583	12
28	Altinbalik, T; Can, Y	An experimental study of lateral extrusion of splines	2006	MATERIALS & DESIGN	27	9	727-734	8
27	Kahveci, K; Can, Y; Cihan, A	Heat transfer in continuous-drive friction welding of different diameters	2005	NUMERICAL HEAT TRANSFER PART A-APPLICATIONS	48	10	1035-1050	6
26	Ece, MC	Free convection flow about a cone under mixed thermal boundary conditions and a magnetic field	2005	APPLIED MATHEMATICAL MODELLING	29	11	1121-1134	10

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25	Aydogdu, M	Vibration analysis of cross-ply laminated beams with general boundary conditions by Ritz method	2005	INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES	47	11	1740-1755	32
24	Sahin, M	Joining with friction welding of high-speed steel and medium-carbon steel	2005	JOURNAL OF MATERIALS PROCESSING TECHNOLOGY	168	2	202-210	20
23	Ozturk, A	Unsteady laminar mixed convection about a spinning sphere with a magnetic field	2005	HEAT AND MASS TRANSFER	41	10	864-874	7
22	Can, Y; Altinbalik, T; Akata, HE	A study of lateral extrusion of gear like elements and splines	2005	JOURNAL OF MATERIALS PROCESSING TECHNOLOGY	166	1	128-134	10
21	Timarci, T; Aydogdu, M	Buckling of symmetric cross-ply square plates with various boundary conditions	2005	COMPOSITE STRUCTURES	68	4	381-389	12

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20	Ece, MC	Free-convection flow about a wedge under mixed thermal boundary conditions and a magnetic field	2005	HEAT AND MASS TRANSFER	41	4	291-297	5
19	Akata, HE; Cetinarlan, CS	An investigation on the variation of surface areas in upsetting of cylindrical specimen	2005	INDUSTRIAL LUBRICATION AND TRIBOLOGY	57	5	202-207	0
18	Can, Y; Altinbalik, MT; Akata, HE	An investigation on forging loads and metal flow in conventional closed-die forging of preforms obtained by open-die indentation	2004	INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES	11	6	487-492	0
17	Sahin, M	Simulation of friction welding using a developed computer program	2004	JOURNAL OF MATERIALS PROCESSING TECHNOLOGY	153	SI	1011-1018	17
16	Akata, E; Altinbalik, MT; Can, Y	Three point load application in single tooth bending fatigue test for evaluation of gear blank manufacturing methods	2004	INTERNATIONAL JOURNAL OF FATIGUE	26	7	785-789	5

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15	Sahin, M; Akata, HE	An experimental study on friction welding of medium carbon on austenitic stainless steel components	2004	INDUSTRIAL LUBRICATION AND TRIBOLOGY	56	2-3	122-129	16
14	Can, A	Thermal control of waste heat utilization in buildings	2004	STROJARSTVO	46	1-3	67-72	0
13	Kahveci, K; Ece, MC	Centrifugally driven flow and heat transfer in a rotating cylinder uniformly heated from bottom	2004	TRANSACTIONS OF THE CANADIAN SOCIETY FOR MECHANICAL ENGINEERING	28	1	7-13	1
12	Sahin, M; Akata, HE	Joining with friction welding of plastically deformed steel	2003	JOURNAL OF MATERIALS PROCESSING TECHNOLOGY	142	1	239-246	29
11	Turk, K; Yildirim, MS	Bond strength of reinforcement in splices in beams	2003	STRUCTURAL ENGINEERING AND MECHANICS	16	4	469-478	3

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10	Aydogdu, M; Timarci, T	Vibration analysis of cross-ply laminated square plates with general boundary conditions	2003	COMPOSITES SCIENCE AND TECHNOLOGY	63	7	1061-1070	22
9	Ece, MC; Buyuk, E	Similarity solutions for free convection to power-law fluids from a heated vertical plate By: Ece, MC; Buyuk, E	2002	APPLIED MATHEMATICS LETTERS	15	1	1-5	7
8	Can, A	Usage of the thermic building element activation in cooling	2002	STROJARSTVO	44	1-2	27-33	0
7	Bayram, M; Ece, MC	Unsteady laminar boundary layer flow over a spinning body in free convection	2002	TRANSACTIONS OF THE CANADIAN SOCIETY FOR MECHANICAL ENGINEERING	26	1	121-135	3
6	Bilen, K; Akyol, U; Yapici, S	Heat transfer and friction correlations and thermal performance analysis for a finned surface	2001	ENERGY CONVERSION AND MANAGEMENT	42	9	1071-1083	29

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5	Erbas, S; Ece, MC	An analysis of free convection to power-law fluids from a vertical plate of variable surface temperature	2001	TRANSACTIONS OF THE CANADIAN SOCIETY FOR MECHANICAL ENGINEERING	25	1	1-11	3
4	Timarci, T; Soldatos, KP	Vibrations of angle-ply laminated circular cylindrical shells subjected to different sets of edge boundary conditions	2000	JOURNAL OF ENGINEERING MATHEMATICS	37	1-3	211-230	11
3	Ozturk, A; Ece, MC	Buoyancy effects on unsteady laminar and rotationally symmetrical boundary layer	1999	TRANSACTIONS OF THE CANADIAN SOCIETY FOR MECHANICAL ENGINEERING	23	3-4	397-408	5
2	Ozturk, A; Ece, MC	Unsteady forced convection heat transfer from a translating and spinning body	1995	JOURNAL OF ENERGY RESOURCES TECHNOLOGY-TRANSACTIONS OF THE ASME	117	4	318-323	15
1	ECE, MC	THE INITIAL BOUNDARY-LAYER FLOW PAST A TRANSLATING AND SPINNING ROTATIONAL SYMMETRICAL BODY	1992	JOURNAL OF ENGINEERING MATHEMATICS	26	3	415-428	17