

**ČLANCI / SEPARATI U MEĐUKNJIŽNIČNOJ POSUDBI i/ili U FONDU KNJIŽNICE  
(nabava za znanstveno-nastavno osoblje i/ili pokloni)**

R.b.	Naslov časopisa / zbornika	R. b.	Autori	Naslov članka	.pdf	Vol.	God.	Br.	Str.
1.	Acustica: International Journal on Acoustic	1.	M.R. Schroeder	Modulation Transfer Functions: Definition and Measurement	.pdf		1981	49	179-182
2.	Acoustics, Speech and Signal Processing, Proceedings of the IEEE International Conference on	2.	Hussain, Z.M.; Boashash, B.	Adaptive instantaneous frequency estimation of multi-component FM signals		2	2000		657-660
		3.	Katkovnik, V.	On adaptive local polynomial approximation with varying bandwidth		4	1998		2321-2324
3.	Advances in water resources	4.	Koutitas, C.G.	Numerical solution of the complete equations for nearly horizontal flows		1	1978	4	213-217
4.	AIAA journal	5.	Ghosh, S.P.; Dattaguru, B.; Rao, A.K.	Load transfer from a smooth elastic pin to a large sheet		19	1981	5	619-625
5.	Aluminium	6.	Pirš, J.	Ultraschalldämpfungsmessungen an Leichtmetallen		45	1969	11	682-690
6.	American mathematical	7.	Quine, W.V.	The problem of simplifying truth functions		59	1952	8	521-531
7.	Analytical chemistry	8.	Lamb, F.W. i dr.	Determination of tetraethyllead in gasoline by X-ray fluorescence		27	1955	1	129-132
8.	Applied acoustics	9.	Bies, D.A.; Hansen, C.H.	Flow resistance information for acoustical design		13	1980		357-391
		10.	Davern, W.A.	Perforated facings backed with porous materials as sound absorbers-an experimental study		10	1977		85-112
		11.	Delany, M.E.; Bazley	Acoustical properties of fibrous absorbent materials		3	1970		105-116
		12.	Dunn, I.P.; Davern, W.A.	Calculation of acoustic impedance of multi-layer absorbers		19	1986		321-334
		13.	Qunli, W.	Empirical relations between acoustical properties and flow resistivity of porous plastic open-cell foam		25	1988		141-148
9.	Applied materials research	14.	Krainer, E.	The elastic constants of various steels and their dependence on temperature		1	1962	3	142-148
10.	Applied mechanics, US national congress	15.	Stippes, M.; Wilson, H.B.; Krull, F.N.	A contact stress problem for a smooth disk in an infinite plate		4	1962		799-806
11.	Archiv für das	16.	Bäumel, A.; Carius, C.	Zusammenhang zwischen Anlaßbehandlung und Korrosionsverhalten von härtbaren nichtrostenden Chromstählen		32	1961	4	237-249

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	Eisenhüttenwesen	17.	Bäumel,A.; Tomich,W.	Über die Erprobung eines Salzsäure-Glykol-Elektrolyten für die Rückstandsisolierung bei chemisch beständigen Stählen		33	1962	2	91-99
		18.	Dawihl,W. i dr.	Kerbempfindlichkeit und kritische Spannungsintensitätsfaktoren von Hartmetallegerungen		45	1974	10	729-734
		19.	Malissa,H.; Storek,M.	Die mikrochemische Bestimmung des Kohlenstoffes in isolierten Gefügebestandteilen		32	1961	8	525-528
		20.	Pirš, J.	Ermittlung der Korngröße von austenitischem Stahl aus der Ultraschalldämpfung		28	1967	12	939-942
		21.	Pirš, J.	Untersuchungen über den Zusammenhang zwischen der Ultraschallstreuung im Rayleigh-Bereich und dem Gefüge von niedriglegierten Chrom-Molybdän-Stählen		41	1970	1	103-109
		22.	Wilmes,S.; Taxhet,H.	Zusammenhang zwischen dem Gasgehalt von Härtensalzbädern und der Entkohlung von Werkzeugstählen bei Badtemperaturen von 1000 bis 1100o C		32	1961	9	645-649
12.	Automatica	23.	Ray, Laura, R.; Stengel, Robert F.	A Monte Carlo approach to the analysis of control system robustness		29	1993	1	229-236
13.	Bell system technical journal	24.	Goldman, J.	Statistical properties of a sum of sinusoids and gaussian noise and its generalition to higher dimensions	.pdf	53	1974	4	557-580
		25.	Rice,S.O.	Statistical properties of a sine wave plus random noise	.pdf	27	1948		109-157
14.	Berg- und hüttenmännische monatshefte	26.	Kroneis,M. i dr.	Neuere Gesichtspunkte zur Legierungstechnik bei Vergütungsstählen		106	1961	11	434-446
		27.	Plessing, R.	Sauerstofffrischen unlegierter und legierter Stähle im basischen Lichtbogenofen		106	1961	9	342-343
		28.	Schöberl, A. i dr.	Der Einfluß einer induktiven Badbewegung auf den Schmelzablauf im 30-t-Lichtbogenofen		106	1961	9	300-306
15.	Bulletin of JSME	29.	Oda,S. i dr.	Effects of rim and web thicknesses on bending fatigue strength of internal gear		29	1986	248	586-592
16.	Bulletin of Tokyo institute of technology	30.	Hayashi,T i dr.	Load balancing theory in a planetary gearing			1970	99	187-199
17.	BWK	31.	Gumz, W.	Rauchgastaupunkt und Rauchgaskorrosionen		9	1957	3	118-125
18.	Chemical engineering progress	32.	Wilke,C.R.	Diffusional properties of multicomponent gases		46	1950	2	95-104
19.	Combustion	33.	Jonas, O.	Transfer of chemicals in steam power systems			1977	3	33-41
20.	Computers&Structurs	34.	Wang,B.P; Chen,J.L.	Application of genetic algorithm for the support location optimization of beams		58	1996	4	797-800
21.	Energietechnik	35.	Guba, G.	Ein Dampferzeuger zur Verbrennung von feuchtem Lignit		26	1976	6	266-269

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		36.	Linsener,R.; Wagner,L..	Erste Ergebnisse des Programms zur Ermittlung des Verbrauches an elektrischer Leistung und Arbeit im Bevölkerungsbereich		26	1976	9	386-389
22.	ERCOFTAC Bulletin	37.	Perić, M.	Flow simulation using control volumes of arbitrary polyhedral shape	.pdf		2004	62	25-29
23.	Experimental Mechanics	38.	Ghosh, S.P.; Dattaguru, B.; Rao, A.K.	Photoelastic studies on progress of separation in interference fits			1985	22	8-15
		39.	Manson, S.S.	Fatigue: a complex subject-some simple approximations	.pdf	5	1965	7	192-226
24.	Giessereiforschung	40.	Kallmeyer,W.; Engler,S.	Physikalische Kornfeinung von austenitischem Chrom-Nickel-Stahlguß		34	1982	4	135-141
		41.	Pirš, J.	Ultraschallschwächungsmessungen an plattenförmigen Körpern aus Gußeisen mit Kugelgraphit		20	1968	3	115-120
25.	Gießereitechnik	42.	Pirš, J.	Gefügeuntersuchungen an Gußwerkstoffen mit Hilfe von Ultraschall		17	1971	8	267-274
26.	Hansa	43.		Mechanisierung und Automatisierung im Schiffbau		122	1985	4	344-347
27.	IEEE transactions on communications	44.	Rice, S.O	Probability distributions for noise plus several sine waves-the problem of computation	.pdf	22	1974		851-853
28.	IEEE transactions on Information theory	45.	Porat, B.; Friedlander, B,	Asymptotic Statistical Analysis of the High-Order Ambiguity Function for Parameter Estimation of Polynomial-Phase Signals	.pdf	42	1996	1	995-1001
29.	IEEE transactions on instrumentation and measurement	46.	Schoukens,J.; Renneboog, J.	Modeling the noise influence on the fourier coefficients after a discrete fourier transform	.pdf	35	1986	3	278-286
30.	IEEE transactions on Power Delivery	47.	Smede, J.; Johansson, C-G.; Winroth, O.	Design of HVDC converter stations with respect to audible noise requirements	.pdf	10	1995	2	747-758
31.	IEEE transactions on Signal Processing	48.	Katkovnik, V.	A new Method for Varyng Adaptive Bandwidth Selection	.pdf	47	199	9	2567-2571
32.	IEEE transactions on systems, man and cybernetics	49.	Grefenstette, J.	Optimization of control parameters for genetic algorithms	.pdf	16	1986	1-2	122-128
33.	International journal for numerical methods in engineering	50.	Gattass, M.; Abel, J.F.	Convected systems for curved structural elements		24	1987		2143-2166

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34.	Inter. conference on boundary element methods, 10 <sup>th</sup>	51.	Paris, F; Garrido, J.A.	Friction multicontact problems with B.E.M.			1988		305-319
35.	International journal for numerical methods in fluids	52.	Alessandrini,B.; Delhommeau, G.	Simulation of three-dimensional unsteady viscous free surface flow around a ship model		19	1994		321-342
		53.	Aramatzis,G.; Assimacopoulos,D.	Treatment of numerical diffusion in strong convective flows		18	1994		313-331
		54.	Bai,L.; Mitra,N.K.	A multigrid method for predicting periodically fully developed flow		18	1994		843-852
		55.	Clift,S.; Forsyth,P.	Linear and non-linear iterative methods for the incompressible navier-stokes equations		18	1994		229-256
		56.	Crumpton,P.I.; Shaw, G.J	A vertex-centred finite volume method with shock detection		18	1994		605-625
		57.	Elkaim,D.	Control volume finite element solution of confined turbulent swirling flows		19	1994		135-152
		58.	Glaister, P.	An efficient shock-capturing algorithm for compressible flows in duct of variable cross-section		18	1994		107-122
		59.	He,P.; Salcudean,M.	A numerical method for 3D viscous incompressible flows using non-orthogonal grids		18	1994		449-469
		60.	Lee,T.S.	Numerical modelling and computation of fluid pressure transients air entrainment in pumping installations		19	1994		89-103
		61.	Luchini.P.; D'Alascio,A.	Multigrid pressure correction techniques for the computation of quasi-incompressible internal flows		18	1994		489-507
		62.	Masson,C.; Saabas,H.J.	Co-located equal-order control-volume finite element method for two-dimensional axisymmetric incompressible fluid flow		18	1994		1-26
		63.	Nigro,N.; Storti,M. i dr	Two-phase flow modelling in gas-stirred liquid vessels		19	1994		1-22
		64.	Pinelli,A.; Vacca,A.	Chebyshev collocation method and multidomain decomposition for the incompressible navier-stokes equations		18	1994		781-799
		65.	Saurel,R; Forestier,A. i dr	A finite volume scheme for two-phase compressible flows		18	1994		803-819
		66.	Schunk,P.R.; Rao,R.R.	Finite element analysis of multicomponent two-phase flows with interphase mass and momentum transport		18	1994		821-842
		67.	Simoneau, J.; Pollard,A.	Finite volume methods for laminar and turbulent flows using a penalty function approach		18	1994		733-746
68.	Szymkiewicz, R.; Mitosek, M.	Numerical aspects of the unsteady pipe flow equations	.pdf	55	2007		1039-1058		
69.	Wang, S.P.; Wang, K.K.	A net inflow method for incompressible viscous flow moving free surface		18	1994		669-694		

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		70.	Webster, R.	An algebraic multigrid solver for navier-stokes problems		18	1994		761-780
36.	International journal of control	71.	Flower, J.O.; Gupta, R.K.	Optimal control considerations of diesel engine discrete models		19	1974	6	1057-1068
		72.	Hazell,P.A.; Flower, J.O.	Sampled-data theory applied to the modelling and control analysis of compression ignition engines-Part I		13	1971	3	549-562
		73.	Windett, G.P.; Flower, J.O.	Sampled-data frequency response measurements of a large diesel engine		19	1974	6	1069-1086
37.	International journal of offshore and polar engineering	74.	Moan, T.	Fatigue reliability of marine structures from the Alexander Kielland accident to life cycle assessment		17	2007	1	1-21
38.	International journal of production economics	75.	Kee,P.K.	Development of computer aided machining optimisation for multi-pass rough turning operations		37	1994		215-227
		76.	Yeo,S.H.	A multipass optimization strategy for CNC lathe operations		40	1995		209-218
39.	International journal of production research	77.	Chen,M.C.; TsaiD.M.	A simulated annealing approach for optimization of multi-pass turning operations		34	1996	10	2803-2825
		78.	Gupta,R.; Batra.J.L.; Lal,G.K	Determination of optimal subdivision of depth of cut in multipass turningwith constraints		33	1995	9	2555-2565
		79.	Gupta,R; Batra,J.L.; Lal,G.K.	Profit rate maximization in multipass turning with constraints-a geometric programming approach		32	1994	7	1557-1569
		80.	Narang, R.V.; Fischer,G.W.	Development of a framework to automate process planning functions and to determine machining parameters		31	1993	8	1921-1942
		81.	Shin,Y.C.	Optimization of machining conditions with practical constraints		30	1992	12	2907-2919
		82.	Tan,F.P; Creese,R.C.	A generalized multi-pass machining model for machining parameter selection in turning		33	1995	5	1467-1487
		83.	Yellowley,I; Gunn,E.A	The optimal subdivision of cut in multi-pass machining operations		27	1989	9	1573-1588
40.	International Journal of Solids and Structures	84.	Bauld, NR.; Tzeng Lih-Shyng	A Vlasov theory for fiber-reinforced beams with thin-walled open cross sections		20	1984	3	277-297
		85.	Civelek,M.B.; Erdogan, F.	The axisymmetric double contact problem for a frictionless elastic layer		10	1974		639-659
		86.	Ratwani, M.	On the plane contact problem for a frictionless elastic layer		9	1973		921-936
		87.	Renton, J.D.	Generalized beam theory applied to shear stiffness	.pdf	27	1991	15	1955-1967
41.	International power transmission and gearing conference, 8 <sup>th</sup> PREM.	88.	Guingard,M. i dr.	Influence of design parameters and tooth profile modification for reducing gear transmission error			2000		539-545

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42.	Inter. Symposium on Magnetic Bearings, 9 <sup>th</sup>	89.	Seto,K.; Nakajima,Y; Sagane,T; Saigou, M.	A new modeling technique and control system design of flexible rotor using active magnetic bearings for motion and vibration control			2004		108-113
43.	International Symposium on Signal Processing and its Applications (ISSOA), 6 <sup>th</sup>	90.	Hussain, Z.M.; Boashash, B.	Design of time-frequency distributions for amplitude and if estimation of multicomponent signals		1	2001		339-342
44.	Jahresberichte der Deutschen Mathematiker Vereinigung	91.	Benz, W.	Über Möbiusebenen: Ein Bericht		63	1960		1-27
45.	Japan Journal of Industrial and Applied Mathematics	92.	Matusu- Necasova, S.; Okada, M.; Makino, T.	Free Boundary Problem for the Equation of Spherically Symmetric Motion of Viscous Gas (II)	.pdf	12	1995	2	195-203
46.	Journal mechanical engineering science	93.	Annand, W.J.D.	Choice of a computing procedure for digital computer synthesis of reciprocating engine cycles		10	1968	3	289-290
47.	Journal of Applied Mathematics and Mechanics	94.	Kazhikov, A.V.; Shelukhin, V.V.	Unique global solution with respect to time of initial-boundary value problems for one-dimensional equations of a viscous gas		41	1977	2	273-282
48.	Journal of Applied Mechanics, Transactions of the ASME	95.	Cowper, G.R.	The Shear Coefficient in Timoshenko's Beam Theory	.pdf		1966		335-340
		96.	Gladwell, G.M.L.	On Some Unbonded Contact Problems in Plane Elasticity Theory	.pdf	43	1976		263-267
		97.	Huang, T.C.	The effect of rotatory inertia and of shear deformation on the frequency and normal mode equations of uniform beams with simple end conditions		28	1961	4	579-584
		98.	Keer, L.M.; Dundurs, J.; Tsai, K.C.	Problems Involving a Receding Contact Between a Layer and a Half Space	.pdf	39	1972		1115-1120
		99.	Lin, Y.K.	Free vibration of continuous skin-stringer panels			1960	4	669-676
		100.	Tsai, K.C.; Dundurs, J.; Keer, L.M.	Elastic Layer Pressed Against a Half Space	.pdf	41	1974		703-707
49.	Journal of computing in civil engineering	101	Goldberg, D.E.; Kuo, C.H.	Genetic algorithms in pipeline optimization	.pdf	1	1987	2	128-141
50.	Journal of energy	102	Huang,Z.; Seireg, A.	Optimum design of submarine suspended pipelines	.pdf	107	1985	9	335-341

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	resources technology	103	Konuk, I.	Higher order approximations in stress analysis of submarine pipelines	.pdf	102	1980	12	190-196
		104	Maier,G.; Corradi,L.	Optimization of stinger geometry for deepsea pipelaying	.pdf	104	1982	12	294-301
51.	Journal of engineering for industry	105	Bhattacharyya,A. i dr.	Regression analysis for predicting surface finish and its application in the determination of optimum machining conditions			1970	8	711-714
		106	Chryssolouris,G.	A comparison of statistical and AI approaches to the selection of process parameters in intelligent machining		112	1990	5	112-131
		107	Hall, J.E.; Healey, A.J.	An analytical study of controlled buoyancy in laying deep-sea pipelines	.pdf		1975	2	266-273
		108	Lin,Y.K.; McDaniel,T.J.	Dynamics of beam-type periodic structures			1969	5	1-12
		109	Palmer,A.C.; Hutchinson, G.	Configuration of submarine pipelines during laying operations	.pdf		1974	11	1112-1119
52.	Journal of engineering for gas turbines and power	110	Childs,D.W.; Scharrer	Experimental rotordynamic coefficient results for teeth-on-rotor and teeth-onstator labyrinth gas seals		108	1986	10	599-604
		111	Childs,D.W.; Scharrer,J.K.	An iwatsubo-based solution for labyrinth seals:comparison to experimental results		108	1986	4	325-331
		112	Virgin,L.N.;Walsh,T.F.	Nonlinear behavior of a magnetic bearing system		117	1995	7	582-588
53.	Journal of engineering for power	113	Limon,L.	Treatment of condensate returns at industrial plants			1977	4	269-273
54.	Journal of engineering materials and technology	114	Muralidharan, U., Manson S.S.	A modified universal slopes equation for estimation of fatigue characteristics of metals	.pdf	110	1988	1	55-58
55.	Journal of guidance, control and dynamics	115	Balas, Gary J.; Young, Peter M.	Control design for variations in structural natural frequencies		18	1995	2	325-332
56.	Journal of hydraulic engineering	116	Khosrowpanah, S.	Experimental study of cross-flow turbine	.pdf	114	1988	3	299-314
		117	Pezzinga, G.	Local balance unsteady friction model	.pdf	135	2009	1	45-56
		118	Vardy,A.; Brown,J.	Efficient approximation of unsteady friction weighting functions		130	2004	11	1097-1107
		119	Zhao,M.; Ghidaoui,M.	Godunov-type solutions for water hammer flows		130	2004	4	341-348
57.	Journal of mathematical analysis and applications	120	Dempster,M.A.H.	On stochastic programming. Static linear programming under risk		21	1968		304-343
58.	Journal of mechanical design	121	Kim, H.C. i dr.	Stress analysis of cylindrical webbed spur gears:parametric study		120	1998	6	349-357

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59.	Journal of pressure vessel technology	122	Chiba,T i dr.	Optimum suport arrangement of piping sastems using genetic algorithm	.pdf	118	1996	11	507-512
60.	Journal of ship research	123	Brandner, P.; Renilson, M.	Interaccion between two closely spaced azimuthing thrusters	.pdf	42	1998	1	15-32
		124	Hess,J.L; Smith, A.M.	Calculation of nonlifting potential flow about arbitrary three-dimensional bodies			1964	9	22-44
		125	Lababidy, E.; Bose, N. i dr.	Dynamic positioning thruster near wake hydrodynamic characteristics at near bollard pull		53	2009	1	48-58
61.	Journal of sound and vibration	126	Asfar,K.R.; Nayfeh,A.H.	Response of self-excited two-degree of freedom systems to multifrequency excitations		84	1982	2	199-221
		127	Chen,S.H.;Cheung,Y.	A modified lindstedt-poincare method for a strongly non-linear two degree of freedom system		193	1996	4	751-762
		128	Easwaran, V;Munjaj, L.	Finite elemente analysis of wedges used in anechoic chambers		160	1993	2	333-350
		129	Howe, M.S.	On the unsteady, wake induced lift on a slotted airfoil		71	1980	2	161-170
		130	Kang, K.H.; Kim, K,J.	Modal properties of beams and plates on resilient supports with rotational and translational complex stiffness		190	1996	2	207-220
		131	Lau, J.H	Vibration frequencies for a non-uniform beam with end mass	.pdf	97	1984	3	513-521
		132	Maestrello, L.	Use of turbulent model to calculate the vibration and radiation responses of a panel with practical suggestions for reducing sound level		5	1967	3	407-448
		133	Pretlove,A.J.	Free vibrations of a rectangular panel backed by a closed rectangular cavity		3	1965	2	197-209
		134	Queslati.F.; Sankar, S.	A class of semi-active suspension schemes for vehicle vibration control		172	1994	3	391-411
		135	Renji, K.; Nair, P.S.	Critical and coincidence frequencies of flat panels		205	1997	1	19-32
136	Utlej, W.A.	Single leaf transmission loss at low frequencies		8	1968	2	256-261		
62.	Journal of the aerospace sciences	137	Lin, Y.K.	Stresses in continuous skin-stiffener panels under random loading			1962	1	67-75
63.	Journal of the American statistical association	138	Donoho,D.; Johnstone, M.	Adapting to unknown smoothness via wavelet shrinkage		90	1995	432	1200-1224
64.	Journal of the iron and steel institute	139	Krishnadev,M.R.	Microstructure and mechanical properties of a commercial low-carbon copper-bearing steel			1970	5	458-462
65.	Kemija u industriji	140	Stojanovski J.	Metrika znanstvene publicistike-istina,mitovi I zablude	.pdf	59	2010	4	179-186
66.	Konstruktion	141	Prebil, I. i dr.	Lastverteilung auf Wälzkörper von Drehverbindungen		47	1995	11	345-350
67.	Machine design	142	Krouse,J.	Sculptured surfaces for CAD/CAM		53	1981	5	115-120



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		143	Vet Maarten	Natural Frequencies of Thin Rectangular Plates	.pdf	37	1965	13	183-185
68.	Marine technology	144	Cushing, C.R.	Protection and securing of deck-stowed containers			1969	7	237-253
69.	Materialprüfung	145	Pirš, J	Untersuchungen zur Anwendung von Ultraschallschwächungsmessungen für die Unterscheidung verschiedener Gefügeausbildungen von Stahl 42 CrMo 4		10	1968	2	43-49
		146	Pirš,J.; Filip, A.; Kostić	Anwendung der radioaktiven Markierungstechnik bei Verschleißuntersuchungen der Kolbenringe und Zylinder in einem Dieselmotor		7	1965	4	123-128
70.	Mathematical comput. modelling	147	Garrido,J.A.; Foces, A.; Paris, A.	B.E.M. applied to receding contact problems with friction		15	1991	3-5	143-153
71.	Mathematische Zeitschrift	148	Dembowski,P	Automorphismen endlicher Möbius-Ebenen		87	1965		115-136
72.	Naval architect	149	Kalogerakis,M.	The use of robots in the shipbuilding industry			1986	7-8	266-274
73.	Neue Hütte	150	Pirš, J.	Bestimmung der Koeffizienten der Rayleighstreuung bei unterschiedlicher Gefügeausbildung		15	1970	1	36-40
74.	Noise control engineering journal	151	Lee, J.; Swenson, W.George	Compact sound absorbers for low frequencies		38	1992	3	109-117
75.	North east coast institution of eng. and shipbuilders	152	Rylatt,I.K.	Current automated ship production developments in Italy and Finland		104	1988	4	143-152
76.	PMM: journal of applied mathematics and mechanics	153	Kazhikhov, A.V.; Sheluksin, V.V.	Unique global solution with respect to time of initial-boundary value problems for one-dimensional equations of a viscous gas		41	1977	2	282-291
77.	Proceedings 3 <sup>rd</sup> Congress of the Alps Adria Acoustics Association	154	Horvat, M.; Domitrović, H.; Grubeša, S.	Design of a new omni-directional sound source	.pdf		2007		
78.	Proceedings Acoustics'08 Paris	155	Suhanek,M.; Jambrošić, K.; Domitrović, H.	Student project of building an impedance tube	.pdf		2008		
79.	Proceedings of design eng. technical conference and computers and infor. in eng.	156	Vaujany,J.P.	Meshing stiffness and tooth root stress for internal cylindrical gears with thin rim			2003		83-89

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