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**Record 1 of 24****By:** Auffray, N (Auffray, N.); dell'Isola, F (dell'Isola, F.); Eremeyev, VA (Eremeyev, V. A.); Madeo, A (Madeo, A.); Rosi, G (Rosi, G.)**Author Identifiers:**

Author	ResearcherID Number	ORCID Number
Eremeyev, Victor	B-1478-2010	0000-0002-8128-3262
dell'Isola, Francesco	A-3648-2010	0000-0002-3607-1113
madeo, angela	L-5066-2015	0000-0003-1940-9853

**Title:** Analytical continuum mechanics a la Hamilton-Piola least action principle for second gradient continua and capillary fluids**Source:** MATHEMATICS AND MECHANICS OF SOLIDS**Volume:** 20**Issue:** 4**Pages:** 375-417**DOI:** 10.1177/1081286513497616**Published:** APR 2015**Times Cited in BIOSIS Citation Index:** 0**Times Cited in Chinese Science Citation Database:** 0**Times Cited in Russian Science Citation Index:** 0**Times Cited in SciELO Citation Index:** 0**Times Cited in Web of Science Core Collection:** 11**Total Times Cited:** 11**ISSN:** 1081-2865**eISSN:** 1741-3028**Accession Number:** WOS:000352536700001**Record 2 of 24****By:** Chechin, GM (Chechin, G. M.); Shcherbinin, SA (Shcherbinin, S. A.)**Title:** Delocalized periodic vibrations in nonlinear LC and LCR electrical chains**Source:** COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION**Volume:** 22**Issue:** 1-3**Pages:** 244-262**DOI:** 10.1016/j.cnsns.2014.09.028**Published:** MAY 2015**Times Cited in BIOSIS Citation Index:** 0**Times Cited in Chinese Science Citation Database:** 0**Times Cited in SciELO Citation Index:** 0**Times Cited in Russian Science Citation Index:** 1**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 2**ISSN:** 1007-5704**eISSN:** 1878-7274**Accession Number:** WOS:000345700500019**Record 3 of 24****By:** Krenev, LI (Krenev, Leonid I.); Aizikovich, SM (Aizikovich, Sergey M.); Tokovyy, YV (Tokovyy, Yuriy V.); Wang, YC (Wang, Yun-Che)**Title:** Axisymmetric problem on the indentation of a hot circular punch into an arbitrarily nonhomogeneous half-space**Source:** INTERNATIONAL JOURNAL OF SOLIDS AND STRUCTURES**Volume:** 59**Pages:** 18-28**DOI:** 10.1016/j.ijsolstr.2014.12.017**Published:** MAY 1 2015**Times Cited in BIOSIS Citation Index:** 0**Times Cited in Chinese Science Citation Database:** 0**Times Cited in Russian Science Citation Index:** 0**Times Cited in SciELO Citation Index:** 0**Times Cited in Web of Science Core Collection:** 2**Total Times Cited:** 2**ISSN:** 0020-7683**eISSN:** 1879-2146**Accession Number:** WOS:000351965900002**Record 4 of 24****By:** Altenbach, H (Altenbach, Holm); Eremeyev, VA (Eremeyev, Victor A.); Naumenko, K (Naumenko, Konstantin)**Author Identifiers:**

Author	ResearcherID Number	ORCID Number
Altenbach, Holm	E-4479-2013	0000-0003-3502-9324
Eremeyev, Victor	B-1478-2010	0000-0002-8128-3262
Naumenko, Konstantin	E-4481-2013	0000-0001-6072-0809

**Title:** On the use of the first order shear deformation plate theory for the analysis of three-layer plates with thin soft core layer**Source:** ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK**Volume:** 95**Issue:** 10**Special Issue:** SI**Pages:** 1004-1011

**DOI:** 10.1002/zamm.201500069**Published:** OCT 2015**Times Cited in BIOSIS Citation Index:** 0**Times Cited in Chinese Science Citation Database:** 0**Times Cited in Russian Science Citation Index:** 0**Times Cited in SciELO Citation Index:** 0**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 1**ISSN:** 0044-2267**eISSN:** 1521-4001**Accession Number:** WOS:000362557200003**Record 5 of 24****By:** Eremeyev, VA (Eremeyev, Victor A.); Ivanova, EA (Ivanova, Elena A.); Morozov, NF (Morozov, Nikita F.)**Author Identifiers:**

Author	ResearcherID Number	ORCID Number
Eremeyev, Victor	B-1478-2010	0000-0002-8128-3262

**Title:** On free oscillations of an elastic solids with ordered arrays of nano-sized objects**Source:** CONTINUUM MECHANICS AND THERMODYNAMICS**Volume:** 27**Issue:** 4-5**Special Issue:** SI**Pages:** 583-607**DOI:** 10.1007/s00161-014-0343-z**Published:** SEP 2015**Times Cited in BIOSIS Citation Index:** 0**Times Cited in Chinese Science Citation Database:** 0**Times Cited in Russian Science Citation Index:** 0**Times Cited in SciELO Citation Index:** 0**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 1**ISSN:** 0935-1175**eISSN:** 1432-0959**Accession Number:** WOS:000356808600005**Record 6 of 24****By:** Babeshko, VA (Babeshko, V. A.); Evdokimova, OV (Evdokimova, O. V.); Babeshko, OM (Babeshko, O. M.)**Title:** Connection of factorization methods with other approaches in the theory of differential and integral equations**Source:** DOKLADY PHYSICS**Volume:** 60**Issue:** 7**Pages:** 292-295**DOI:** 10.1134/S1028335815070010**Published:** JUL 2015**Times Cited in BIOSIS Citation Index:** 0**Times Cited in Chinese Science Citation Database:** 0**Times Cited in Russian Science Citation Index:** 0**Times Cited in SciELO Citation Index:** 0**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 1**ISSN:** 1028-3358**eISSN:** 1562-6903**Accession Number:** WOS:000358800700004**Record 7 of 24****By:** Ilin, K (Ilin, Konstantin); Morgulis, A (Morgulis, Andrey)**Title:** Instability of a two-dimensional viscous flow in an annulus with permeable walls to two-dimensional perturbations**Source:** PHYSICS OF FLUIDS**Volume:** 27**Issue:** 4**Article Number:** 044107**DOI:** 10.1063/1.4919095**Published:** APR 2015**Times Cited in BIOSIS Citation Index:** 0**Times Cited in Chinese Science Citation Database:** 0**Times Cited in Russian Science Citation Index:** 0**Times Cited in SciELO Citation Index:** 0**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 1**ISSN:** 1070-6631**eISSN:** 1089-7666**Accession Number:** WOS:000353835700022**Record 8 of 24****By:** Rucevskis, S (Rucevskis, Sandris); Sumbatyan, MA (Sumbatyan, Mezhlum A.); Akishin, P (Akishin, Pavel); Chate, A (Chate, Andris)**Author Identifiers:**

Author	ResearcherID Number	ORCID Number
Rucevskis, Sandris	A-6784-2016	0000-0002-0646-8064

**Title:** Tikhonov's regularization approach in mode shape curvature analysis applied to damage detection

**Source:** MECHANICS RESEARCH COMMUNICATIONS

**Volume:** 65

**Pages:** 9-16

**DOI:** 10.1016/j.mechrescom.2015.01.006

**Published:** APR 2015

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**ISSN:** 0093-6413

**Accession Number:** WOS:000353076800002

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**Record 9 of 24**

**By:** Babeshko, VA (Babeshko, V. A.); Evdokimova, OV (Evdokimova, O. V.); Babeshko, OM (Babeshko, O. M.)

**Title:** Peculiarities of hidden defects in different thin-shell coverings

**Source:** DOKLADY PHYSICS

**Volume:** 60

**Issue:** 2

**Pages:** 67-72

**DOI:** 10.1134/S1028335815020020

**Published:** FEB 2015

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**eISSN:** 1562-6903

**Accession Number:** WOS:000351287700005

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**Record 10 of 24**

**By:** Abbasov, IB (Abbasov, Iftikhar B.)

**Title:** Study of Secondary Field Waves at Scattering of Nonlinearly Interacting Acoustic Waves by an Elongated Spheroid

**Source:** INTERNATIONAL JOURNAL OF ACOUSTICS AND VIBRATION

**Volume:** 20

**Issue:** 4

**Pages:** 258-264

**Published:** DEC 2015

**Times Cited in BIOSIS Citation Index:** 0

**Times Cited in Chinese Science Citation Database:** 0

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**ISSN:** 1027-5851

**Accession Number:** WOS:000367119700009

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**Record 11 of 24**

**By:** Babeshko, VA (Babeshko, V. A.); Evdokimova, OV (Evdokimova, O. V.); Babeshko, OM (Babeshko, O. M.); Gorshkova, EM (Gorshkova, E. M.); Zaretskaya, MV (Zaretskaya, M. V.); Mukhin, AC (Mukhin, A. C.); Pavlova, AV (Pavlova, A. V.)

**Title:** Convergent properties of block elements

**Source:** DOKLADY PHYSICS

**Volume:** 60

**Issue:** 11

**Pages:** 515-518

**DOI:** 10.1134/S1028335815110099

**Published:** NOV 2015

**Times Cited in BIOSIS Citation Index:** 0

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**Accession Number:** WOS:000366101500010

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**Record 12 of 24**

**By:** Sobol, B (Sobol, Boris); Soloviev, A (Soloviev, Arkady); Krasnoschekov, A (Krasnoschekov, Alexander)

**Title:** The transverse crack problem for elastic bodies stiffened by thin elastic coating

**Source:** ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK

**Volume:** 95

**Issue:** 11

**Pages:** 1302-1314

**DOI:** 10.1002/zamm.201400084

**Published:** NOV 2015

**Times Cited in BIOSIS Citation Index:** 0

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**Record 13 of 24**

By: Eremeyev, VA (Eremeyev, Victor A.); Naumenko, K (Naumenko, Konstantin)

Author Identifiers:

Author	ResearcherID Number	ORCID Number
Eremeyev, Victor	B-1478-2010	0000-0002-8128-3262
Naumenko, Konstantin	E-4481-2013	0000-0001-6072-0809

Title: A relationship between effective work of adhesion and peel force for thin hyperelastic films undergoing large deformation

Source: MECHANICS RESEARCH COMMUNICATIONS

Volume: 69

Pages: 24-26

DOI: 10.1016/j.mechrescom.2015.06.001

Published: OCT 2015

Times Cited in BIOSIS Citation Index: 0

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**Record 14 of 24**

By: Eremeev, VA (Eremeev, V. A.); Nasedkin, AV (Nasedkin, A. V.)

Author Identifiers:

Author	ResearcherID Number	ORCID Number
Eremeyev, Victor	B-1478-2010	0000-0002-8128-3262

Title: Natural Vibrations of Nanodimensional Piezoelectric Bodies with Contact-Type Boundary Conditions

Source: MECHANICS OF SOLIDS

Volume: 50

Issue: 5

Pages: 495-507

DOI: 10.3103/S0025654415050027

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Times Cited in BIOSIS Citation Index: 0

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ISSN: 0025-6544

eISSN: 1934-7936

Accession Number: WOS:000367066400002

**Record 15 of 24**

By: Sumbatyan, MA (Sumbatyan, Mezhlum A.); Tarasov, AE (Tarasov, Alexander E.)

Title: A mathematical model for the propulsive thrust of the thin elastic wing harmonically oscillating in a flow of non-viscous incompressible fluid

Source: MECHANICS RESEARCH COMMUNICATIONS

Volume: 68

Special Issue: SI

Pages: 83-88

DOI: 10.1016/j.mechrescom.2015.02.005

Published: SEP 2015

Times Cited in BIOSIS Citation Index: 0

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Accession Number: WOS:000361414600015

**Record 16 of 24**

By: Levin, VA (Levin, Vladimir A.); Zubov, LM (Zubov, Leonid M.); Zingerman, KM (Zingerman, Konstantin M.)

Title: An exact solution for the problem of flexure of a composite beam with preliminarily strained layers under large strains

Source: INTERNATIONAL JOURNAL OF SOLIDS AND STRUCTURES

Volume: 67-68

Pages: 244-249

DOI: 10.1016/j.ijsolstr.2015.04.024

Published: AUG 15 2015

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**Record 17 of 24**

By: Kolesnikov, AM (Kolesnikov, Alexey M.)

**Author Identifiers:**

Author	ResearcherID Number	ORCID Number
Kolesnikov, Alexey	C-5216-2013	0000-0001-7020-1092

Title: The finite inflation of a curved elastic tube  
 Source: MATHEMATICS AND MECHANICS OF SOLIDS  
 Volume: 20  
 Issue: 7  
 Special Issue: SI  
 Pages: 823-835  
 DOI: 10.1177/1081286514553372  
 Published: AUG 2015

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**Record 18 of 24**

By: Shirokov, VB (Shirokov, V. B.); Kalinchuk, VV (Kalinchuk, V. V.); Shakhovoy, RA (Shakhovoy, R. A.); Yuzyuk, YI (Yuzyuk, Yu. I.)

**Author Identifiers:**

Author	ResearcherID Number	ORCID Number
Yuzyuk, Yuri	A-1285-2009	

Title: The problem of determining elastic constants of thin ferroelectric films  
 Source: DOKLADY PHYSICS  
 Volume: 60  
 Issue: 8  
 Pages: 349-354  
 DOI: 10.1134/S1028335815080108  
 Published: AUG 2015

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**Record 19 of 24**

By: Vatulyan, AO (Vatulyan, A. O.); Dudarev, VV (Dudarev, V. V.); Mnukhin, RM (Mnukhin, R. M.)

Title: Influence of the residual elastic-plastic state of a tube on the dynamic characteristics  
 Source: DOKLADY PHYSICS

Volume: 60  
 Issue: 8  
 Pages: 377-379  
 DOI: 10.1134/S102833581508011X  
 Published: AUG 2015

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**Record 20 of 24**

By: Kurakin, LG (Kurakin, L. G.); Ostrovskaya, IV (Ostrovskaya, I. V.); Sokolovskiy, MA (Sokolovskiy, M. A.)

**Author Identifiers:**

Author	ResearcherID Number	ORCID Number
Sokolovskiy, Mikhail	D-4009-2013	0000-0001-6171-0784

**Title:** Stability of discrete vortex multipoles in homogeneous and two-layer rotating fluid

**Source:** DOKLADY PHYSICS

**Volume:** 60

**Issue:** 5

**Pages:** 217-223

**DOI:** 10.1134/S1028335815050067

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**Accession Number:** WOS:000355621700007

#### Record 21 of 24

**By:** Levin, VA (Levin, V. A.); Zubov, LM (Zubov, L. M.); Zingerman, KM (Zingerman, K. M.)

**Title:** Influence of the prestressed layer on the nonlinear flexure of a rectangular beam made of compressible material

**Source:** DOKLADY PHYSICS

**Volume:** 60

**Issue:** 4

**Pages:** 167-170

**DOI:** 10.1134/S1028335815040023

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**ISSN:** 1028-3358

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**Accession Number:** WOS:000354095900006

#### Record 22 of 24

**By:** Brigante, M (Brigante, M.); Sumbatyan, MA (Sumbatyan, M. A.)

**Author Identifiers:**

Author	ResearcherID Number	ORCID Number
Brigante, Michele		0000-0002-9783-6714

**Title:** An efficient method in the 2D problem on transient oscillations of the elastic half-space interacting with a rigid structure

**Source:** JOURNAL OF VIBRATION AND CONTROL

**Volume:** 21

**Issue:** 3

**Pages:** 539-554

**DOI:** 10.1177/1077546313490777

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**Times Cited in Chinese Science Citation Database:** 0

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**ISSN:** 1077-5463

**eISSN:** 1741-2986

**Accession Number:** WOS:000349085700010

#### Record 23 of 24

**By:** Aizikovich, SM (Aizikovich, S. M.); Galybin, AN (Galybin, A. N.); Krenev, LI (Krenev, L. I.)

**Title:** Semi-analytical solution for mode I penny-shaped crack in a soft inhomogeneous layer

**Source:** INTERNATIONAL JOURNAL OF SOLIDS AND STRUCTURES

**Volume:** 53

**Pages:** 129-137

**DOI:** 10.1016/j.ijssolstr.2014.10.010

**Published:** JAN 15 2015

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**Record 24 of 24**

**By:** Levin, VA (Levin, V. A.); Zubov, LM (Zubov, L. M.); Zingerman, KM (Zingerman, K. M.)

**Title:** Exact solution of the nonlinear bending problem for a composite beam containing a prestressed layer at large strains

**Source:** DOKLADY PHYSICS

**Volume:** 60

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