<table>
<thead>
<tr>
<th>Rank</th>
<th>Title</th>
<th>Authors</th>
<th>Journal</th>
<th>Year</th>
<th>Pages</th>
<th>Published</th>
<th>Users Count</th>
<th>Usage Count</th>
<th>Times Cited</th>
</tr>
</thead>
<tbody>
<tr>
<td>51</td>
<td>Generalized homogeneity and weakly Klebanov spaces</td>
<td>By: Mihaylova, Ekaterina</td>
<td>TOPLOGY AND ITS APPLICATIONS</td>
<td>2014</td>
<td>156-160</td>
<td>JUN 2014</td>
<td></td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>52</td>
<td>Origin of multiferroicity in the S=1/2 chain cuprate LiCu2O2</td>
<td>By: Apostolov, A. T.</td>
<td>PHYSICS LETTERS A</td>
<td>2014</td>
<td>28-29</td>
<td>MAY 30 2014</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>53</td>
<td>Seismic response of lined tunnels in the half-plane with surface topography</td>
<td>By: Parvanova, Sonia L.; Dineva, Petia S.; Manolis, George D.; et al.</td>
<td>BULLETIN OF EARTHQUAKE ENGINEERING</td>
<td>2014</td>
<td>961-1005</td>
<td>APR 2014</td>
<td></td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>55</td>
<td>Estimation of background diffuse irradiance on orthogonal surfaces under partially obstructed anisotropic sky. Part II - Horizontal surfaces</td>
<td>By: Ivanova, Stoyanka Marinova</td>
<td>SOLAR ENERGY</td>
<td>2014</td>
<td>234-250</td>
<td>FEB 2014</td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>57</td>
<td>Tidal Systems and Reductions for Improvement of the Bulgarian National Vertical Reference System</td>
<td>By: Valcheva, Stanislava; Yovev, Iliya; Grebenitcharsky, Rossen</td>
<td>GRAVITY, GEOID AND HEIGHT SYSTEMS</td>
<td>2014</td>
<td>257-263</td>
<td></td>
<td></td>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>
For advanced refine options, use

Analyze Results

58. Covariant Decomposition of the Three-Dimensional Rotations
By: Mladenova, Clementina D.; Brezov, Danail S.; Mladenov, Ivailo M.
Edited by: Zhang, X; Liu, H; Chen, Z; et al.
Conference: 7th International Conference on Intelligent Robotics and Applications (ICIRA) Location: Guangzhou, PEOPLE'S R CHINA Date: DEC 17-20, 2014
INTELLIGENT ROBOTICS AND APPLICATIONS, ICIRA 2014, PT II Book Series: Lecture Notes in Artificial Intelligence Volume: 8918 Pages: 504-511 Published: 2014

59. IMPROVED PERTURBATION BOUNDS FOR THE CONTINUOUS-TIME H-infinity-CONTROL PROBLEM
By: Christov, Nicolai D.; Konstantinov, Mihail M.; Petkov, Petko Hr.
ELECTRONIC TRANSACTIONS ON NUMERICAL ANALYSIS Volume: 43 Pages: 90-99 Published: 2014

60. Mixed-Mode II/III Fracture in Foam Core Sandwich Beams
By: Rizov, V.
CELLULAR POLYMERS Volume: 33 Issue: 6 Pages: 287-300 Published: 2014

61. Two-axes Decompositions of (Pseudo-) Rotations and Some of Their Applications
By: Brezov, D. S.; Mladenova, C. D.; Mladenov, I. M.
Edited by: Todorov, MD
Conference: 6th International Conference for Promoting the Application of Mathematics in Technical and Natural Sciences (AMiTaNS) Location: Albena, BULGARIA Date: JUN 26-JUL 01, 2014

62. PLAIN APPORTIONMENTS: HISTORY, PARADOXES, GENERALIZATIONS, NEW METHODS
By: Konstantinov, M. M.; Pelova, G. B.; Yanev, K. D.
Edited by: Venkov, G; Pasheva, V
Conference: 40th International Conference of Applications of Mathematics in Engineering and Economics Location: Sozopol, BULGARIA Date: JUN 08-13, 2014

63. Generalized Euler Decompositions of Some Six-Dimensional Lie Groups
By: Brezov, Danail S.; Mladenova, Clementina D.; Mladenov, Ivailo M.
Edited by: Venkov, G; Pasheva, V
Conference: 40th International Conference of Applications of Mathematics in Engineering and Economics Location: Sozopol, BULGARIA Date: JUN 08-13, 2014
64. Simplectic Anticirculant Decompositions. Integral Representations
By: Dimiev, Stancho; Stoev, Peter; Stoilova, Stanislava; et al.
Edited by: Venkov, G; Pashcheva, V
Conference: 40th International Conference of Applications of Mathematics in Engineering and Economics Location: Sozopol, BULGARIA Date: JUN 08-13, 2014
Sponsor(s): Tech Univ Sofia; Fac Appl Math & Informat; Tech Univ Sofia, Res & Dev Sect

65. Digital Earth - Young generation’s comprehension and ideas
By: Bandrova, T.; Konecny, M.
Book Group Author(s): IOP
Sponsor(s): Univ Malaysia Sarawak; Sarawak Convent Bur; Malaysia Convent & Exhibit Bur; ESRI; FRIM; JKPTG; JUPEM; NRE; ANGKASA

66. NORM-WISE, MIXED AND COMPONENT-WISE CONDITION NUMBERS OF MATRIX EQUATION A(0) + Sigma(k)(i=1)sigma(i)A(i)*X(pi)A(i)=0, sigma(i) = +/- 1
By: Popchev, I. P.; Konstantinov, M. M.; Petkov, P. H.; et al.
APPLIED AND COMPUTATIONAL MATHEMATICS Volume: 13 Issue: 1 Pages: 18-30 Published: 2014

67. The 'sustainable development' concept in urban planning education: lessons learned on a Bulgarian path
By: Dimitrova, Elena
JOURNAL OF CLEANER PRODUCTION Volume: 62 Pages: 120-127 Published: JAN 1 2014

68. DETERMINATION OF THE DEPENDENCES G = f (gamma) AND D = f (gamma) ON A TAILING IN A TRIAXIAL DYNAMICS SHEAR APPARATUS
By: Kostov, Vladimir; Dikov, Dimitar
Book Group Author(s): SGEM Conference: 14th International Multidisciplinary Scientific Geoconference (SGEM) Location: Albena, BULGARIA Date: JUN 17-26, 2014
Sponsor(s): Bulgarian Acad Sci; Acad Sci Czech Repub; Latvian Acad Sci; Polish Acad Sci; Russian Acad Sci & Arts; Slovak Acad Sci; Nati Acad Sci Ukraine; Inst Water Problem & Hydropower NAS KR; Nati Acad Sci Armenia; Sci Council Japan; World Acad Sci; European Acad Sci Arts & Letters; Acad Sci Maldova; Montenegro Acad Sci & Arts; Croatian Acad Sci & Arts; Georgian Nati Acad Sci; Acad Fine Arts & Design Bratislava; Turkish Acad Sci; Bulgarian Ind Assoc; Bulgarian Minist Environ & Water

69. Ferrimagnetic nanoparticles for self-controlled magnetic hyperthermia
By: Apostolov, A. T.; Apostolova, I. N.; Wesselinowa, J. M.
EUROPEAN PHYSICAL JOURNAL B Volume: 86 Issue: 11 Article Number: 483 Published: NOV 28 2013
70. Spin-phonon interaction effects in pure and Fe-doped antiferromagnetic Cr2O3 nanoparticles
By: Apostolova, I. N.; Apostolov, A. T.; Wesselinowa, J. M.
SOLID STATE COMMUNICATIONS Volume: 174 Pages: 1-4 Published: NOV 2013

71. Analytical investigation of nonlinear interlaminar fracture in trilayered polymer composite beam under mode II crack loading conditions using the J -integral approach
By: Mladensky, Angel; Rizov, Victor
ARCHIVE OF APPLIED MECHANICS Volume: 83 issue: 11 Pages: 1637-1658 Published: NOV 2013

72. Region of glass formation and main physicochemical properties of glasses from the As2Se3-Ag4SSe-PbTe system
JOURNAL OF ALLOYS AND COMPOUNDS Volume: 573 Pages: 32-36 Published: OCT 5 2013

73. Estimation of background diffuse irradiance on orthogonal surfaces under partially obstructed anisotropic sky. Part I - Vertical surfaces
By: Ivanova, Stoyanka Marinova
SOLAR ENERGY Volume: 95 Pages: 376-391 Published: SEP 2013

74. Mixed-mode I/ II fracture study of polymer composites using Single Edge Notched Bend specimens
By: Rizov, V.
COMPUTATIONAL MATERIALS SCIENCE Volume: 77 Pages: 1-6 Published: SEP 2013

75. Origin of ferromagnetism in transition metal doped BaTiO3
By: Apostolova, I. N.; Apostolov, A. T.; Bahoosh, Safa Golrokh; et al.
JOURNAL OF APPLIED PHYSICS Volume: 113 Issue: 20 Article Number: 203904 Published: MAY 28 2013

76. Review of the Balkan Isophya (Orthoptera: Phaneropteridae) with particular emphasis on the Isophya modesta group and remarks on the systematics of the genus based on morphological and acoustic data
By: Chobanov, Dragan P.; Grzywacz, Beata; Iorgu, Ionut S.; et al.
ZOOFACTA Volume: 3658 Issue: 1 Pages: 1-81 Published: MAY 22 2013

77. Hydropower converters with head differences below 2.5 m
By: Bozhinova, Snezhana; Hecht, Veronika; Kisliakov, Dimitar; et al.
PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-ENERGY Volume: 166 Issue: 3 Pages: 107-119 Published: 2013

78. QUARTER TURNS AND NEW FACTORIZATIONS OF ROTATIONS
By: Brezov, Danail; Mladenova, Clementina; Mladenov, Ivailo
COMPTES RENDUS DE L ACADEMIE BULGARE DES SCIENCES Volume: 66 Issue: 8 Pages: 1105-1114

70. Usage Count
71. Usage Count
72. Usage Count
73. Usage Count
74. Usage Count
75. Usage Count
76. Usage Count
77. Usage Count
78. Usage Count
86. "FREE-STANDING SUPERMARKET CONSTRUCTION IN AUSTRIA" ECONOMIC MACRO-COMPARISON OF THE STUDIED CONSTRUCTION TYPE
By: Pomper, Kurt
Book Group Author(s): SGEM

87. UPDATING TOPOGRAPHIC MAPS AND ORTHOPHOTOPLANS BY DIGITAL PHOTOGRAMMETRY USING AERIAL AND SATELLITE IMAGERY
By: Petrova, Vanya
Book Group Author(s): SGEM

88. The finishing touch for better energy efficiency of episodically used masonry wall single family houses
By: Djambova, S. T.; Simov, O.
Edited by: Cruz, PJS
Conference: 2nd International Conference on Structures and Architecture Location: Guimaraes, PORTUGAL Date: JUL 24-26, 2013 Sponsor(s): European Convent Construct Steelwork; Int Assoc Bridge Maintenance & Safety; Int Assoc Bridge & Struct Engr; Int Assoc Shell & Spatial Struct; Architects Council Europe; American Inst Architects; American Soc Civil Engineers; European Federal Precast Concrete: Building Technol Educators Soc; European Assoc Architectural Educ; European Federat Engn Consultancy Assoc; European Federat Stuct Glass Lab; Int Sci Comm Anl & Restorat Struct Architectural Heritage; American Soc Civil Engineers, Struct Engr Inst; TensiNet; Inst Struct Engineers; StructuralEngineer.info Website; Associacao Nac Industrias Prefabricacao Betao; Associacao Portuguesa Projetistas Consultores; Associacao Portuguesa Seguranca Conservacao Pontes; Associacao Portuguesa Construcao Metalica Mista; Ordem Arquitetos Seccao Reg Norte; Ordem Engenheiros; Sociedat Espanola Historia Construcc STRUCTURES AND ARCHITECTURE: CONCEPTS, APPLICATIONS AND CHALLENGES Pages: 2117-2121 Published: 2013

89. Invertibility of multipliers
By: Stoeva, D. T.; Balazs, P.
APPLIED AND COMPUTATIONAL HARMONIC ANALYSIS Volume: 33 Issue: 2 Pages: 292-299 Published: SEP 2012

90. Temperature and layer number dependence of the G and 2D phonon energy and damping in graphene
By: Apostolov, A. T.; Apostolova, I. N.; Wesselinowa, J. M.
JOURNAL OF PHYSICS-CONDENSED MATTER Volume: 24 Issue: 23 Article Number: 235401 Published: JUN 13 2012
1. **A study on the relationship between geotechnical properties and clay mineral composition of Hanoi soft soils in saline media**
   By: Kirov, B. L.; Truc, N. N.
   *INTERNATIONAL JOURNAL OF CIVIL ENGINEERING*
   Volume: 10 Issue: 2 Pages: 87-111 Published: JUN 2012

2. **POINT WISE APPROXIMATION BY BERNSTEIN POLYNOMIALS**
   By: Tachev, Gancho
   *BULLETIN OF THE AUSTRALIAN MATHEMATICAL SOCIETY*
   Volume: 85 Issue: 3 Pages: 353-358 Published: JUN 2012

3. **Phase equilibria in the Ag4SSe-PbTe system**
   By: Amova, A.; Hristova-Vasileva, T.; Vassilev, V.
   *THERMOCHEMICA ACTA*
   Volume: 531 Pages: 42-45 Published: MAR 10 2012

4. **FLOOD RISK MAPPING IN WEST AEGEAN SEA RIVER BASIN**
   By: Stoimenova, Nadka
   Edited by: Bandrova, T; Konecny, M; Zhelezov, G
   Conference: 4th International Conference on Cartography and GIS Location: Albena, BULGARIA Date: JUN 18-22, 2012
   Sponsor(s): Int Cartograph Assoc; Bulgarian Cartograph Assoc; Univ Architecture, Civil Engr & Geodesy; ESRI; PANORAMA; INTERGRAPH; BGC; Chamber Graduated Surveyors; datamap; DevGEO
   4TH INTERNATIONAL CONFERENCE ON CARTOGRAPHY AND GIS, VOL. 2 Pages: 123-132 Published: 2012

5. **EFFECT OF THE PHASE COMPOSITION ON THE Pb (II) ADSORPTION ABILITY OF GLASS CERAMICS**
   By: Dimitrova, Sonia V.; Mihailova, Irena K.; Vassileva, Paunka V.; et al.
   *COMPTES RENDUS DE L ACADEMIE BULGARE DES SCIENCES*
   Volume: 65 Issue: 12 Pages: 1675-1680 Published: 2012

6. **An automorphism of the space of analytic functions, having expansions in Hermite Polynomials**
   By: Dimitrov, I. P.
   Edited by: Pasheva, V; Venkov, G
   Conference: 38th International Conference on Applications of Mathematics in Engineering and Economics (AMEE) Location: Sozopol, BULGARIA Date: JUN 08-13, 2012
   Sponsor(s): Tech Univ Sofia, Res & Dev Sect; Tech Univ Sofia, Fac Appl Math & Informat; Tech Univ Sofia

7. **"PATHOLOGICAL" CANTOR MANIFOLDS**
   By: Todorov, Vladimir; Hamamdjiev, Atanas
   Edited by: Pasheva, V; Venkov, G
   Conference: 38th International Conference on Applications of Mathematics in Engineering and Economics (AMEE) Location: Sozopol, BULGARIA Date: JUN 08-13, 2012
   Sponsor(s): Tech Univ Sofia, Res & Dev Sect; Tech Univ Sofia, Fac Appl Math & Informat; Tech Univ Sofia
Cyclic hypercomplex number systems
By: Dimiev, Stancho; Stoev, Peter; Todorov, Vladimir
Edited by: Pasheva, V; Venkov, G
Conference: 38th International Conference on Applications of Mathematics in Engineering and Economics (AMEE) Location: Sozopol, BULGARIA Date: JUN 08-13, 2012
Sponsor(s): Tech Univ Sofia, Res & Dev Sect, Tech Univ Sofia, Fac: Appl Math & Informat, Tech Univ Sofia

Mode III Fracture Study of Foam Core Composite Sandwich Beams
By: Rizov, V.
CELLULAR POLYMERS Volume: 31 Issue: 6 Pages: 315-328 Published: 2012

PRECIPITATION SEASONALITY IN THE DANUBE RIVER LOWER BASIN
By: Nikolova, Nina; Vasilev, Stanislav; Nikolova, Valentina
COMPTES RENDUS DE L ACADEMIE BULGARE DES SCIENCES Volume: 65 Issue: 10 Pages: 1411-1418 Published: 2012