

**International Center for Scientific Research and Studies  
(ICSRS)**

[www.i-csrs.org](http://www.i-csrs.org)



**International Journal of Open Problems in Computer Science and Mathematics  
(IJOPCM)**

**ISSN: 1998-6262**

[www.ijopcm.org](http://www.ijopcm.org)



*Int. J. Open Problems Compt. Math., Vol. 11, No. 1, March 2018*

*ISSN 1998-6262; Copyright © ICSRS Publication, 2018*

[www.i-csrs.org](http://www.i-csrs.org)

**Under construction**

<b>Cover Page</b>	<b>I</b>
<b>Table of Contents</b>	<b>II</b>
<b>Editor Committee</b>	<b>IV</b>
<b>A new Bohr-Mollerup type theorem related to gamma function with two parameters Zhi-Min Song and Li Yin</b>	<b>1-5</b>
<b>An invariant subspace method for solving a class of fractional diffusion-wave problems Muhammed I. Syam , Marwan Alquran , H.M. Jaradat</b>	<b>6-15</b>
<b>Fuglede-Putnam theorem for p-w-hyponormal or class Y operators T. Prasad and A. Bachir</b>	<b>17-24</b>
<b>c-Maximal submodules of finite modules Rasul Rasuli</b>	<b>26-32</b>
<b>Characterization of Regular Ordered Ternary Semigroups by Bi-ideals V. R. Daddi</b>	<b>34-43</b>
<b>Computing upper bound eigenvalues for Schrödinger operator Eman Al kathiri</b>	<b>45-61</b>
<b>Quantum Logic Fuzzy Co-implication (Some Properties and Applications) Hesham E. Ghoneim and Iqbal H. Jebril</b>	<b>63-74</b>
<b>Evaluation of a Logarithmic Integral Ulrich Abel</b>	<b>76-79</b>

*Int. J. Open Problems Compt. Math., Vol. 11, No. 2, June 2016*

*ISSN 1998-6262; Copyright © ICSRS Publication, 2016*

[www.i-csrs.org](http://www.i-csrs.org)

<b>Cover Page</b>	<b>I</b>
<b>Table of Contents</b>	<b>II</b>
<b>Editor Committee</b>	<b>IV</b>
<b>Solutions and Stabilities for a 2D–Non Homogeneous Lane-Emden Fractional System Zakaria Bekkouche, Zoubir Dahmani, Guo Zhang</b>	<b>1-14</b>

<b>A Generalization of the Nielsen's <math>\beta</math>-function</b> <b>Kwara Nantomah</b>	16-26
<b>Generalized involute and evolute curve-couple in Euclidean space</b> <b>Muhammad Hanif and Zhong Hua Hou</b>	28-39
<b>Monotonicity, Convexity and Inequalities for the Generalized Complete (p, q)-Elliptic Integrals</b> <b>Xia Song and Li Yin</b>	41-51
<b>Variant of Guillou-Quisquater zero-knowledge scheme</b> <b>S. Ezziri and O. Khadir</b>	53-60
<b>On triple sequence spaces of Bernstein operator of <math>\chi_3</math> of rough <math>\lambda</math>-statistical convergence in probability of random variables defined by Musielak-Orlicz function</b> <b>A. Esi and N. Subramanian</b>	62-70
<b>Dynamic Process with Viscous Dissipation in Thermo-Viscoelasticity</b> <b>Hibat Errahmane and Farid Messelmi</b>	72-91
<b>Transcendence criteria with negative base</b> <b>S. Dammak</b>	92-101
<b>Complete monotonicity of a function involving the (p,k)-digamma function</b> <b>Li Yin</b>	102-108
<i>Int. J. Open Problems Compt. Math., Vol. 11, No. 3, September 2018</i> <i>ISSN 1998-6262; Copyright © ICSRS Publication, 2018</i> <i>www.i-csrs.org</i>	
<b>Cover Page</b>	<b>I</b>
<b>Table of Contents</b>	<b>II</b>
<b>Editor Committee</b>	<b>IV</b>
<b>Solutions and Stabilities for a 2D–non Homogeneous Lane-Emden Fractional System</b> <b>Zakaria Bekkouche, Zoubir Dahmani, Guo Zhang</b>	1-14
<b>Existence and Uniqueness Results for Fractional Volterra-Fredholm Integro-Differential Equations</b> <b>Ahmed A. Hamoud and Kirtiwant P. Ghadle</b>	16-30
<b>On the poset of classes of isomorphic subgroups of a finite group</b> <b>Marius Tărnăuceanu</b>	32-36
<b>Some Unavoidable Questions about Krasner Hypermodules</b> <b>Hossein Shojaei, Reza Ameri</b>	38-46
<b><math>(\alpha, \beta)</math>–Reverse Derivations On Prime and Semiprime Rings</b> <b>Merve Özdemir and Neşet Aydın</b>	48-59
<b>Differential Equations Via Hadamard Approach: Some Existence/Uniqueness Results</b> <b>Oualid Abdelaziz and Zoubir Dahmani</b>	61-73
<b>Lacunary Ideal Convergence of Interval Number Sequences Defined by Orlicz Function</b>	75-87

**Bipan Hazarika, Ayhan Esi, and M. Kemal Ozdemir**

*Int. J. Open Problems Compt. Math., Vol. 11, No. 4, December 2018*

*ISSN 1998-6262; Copyright © ICSRS Publication, 2018*

[www.i-csrs.org](http://www.i-csrs.org)

**Transcendence and approximation measure of continued fractions**

**Kacem Belhroukia, Ali Kacha**