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# **CRITERION III**

## **3. Research, Innovations and Extension**

3.3 **RESEARCH PUBLICATIONS AND AWARDS** 

**3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years** 

2017-2018



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3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list

#### during the last five years (2017-2018)

#### **Screenshots of Research Article**



Bangmod Int. J. Math. & Comp. Sci. Vol. 3, No. 1-2, 2017; Pages 53 - 60 http://bangmod-jmcs.kmutt.ac.th/ ISSN : 2408-154X

## OSCILLATION OF CERTAIN THIRD ORDER NONLINEAR DIFFERENTIAL EQUATION WITH NEUTRAL TERMS

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E-mails: msksjv@gmail.com ; sathishkumarmarappanpec@paavai.edu.in

\*Corresponding author.

#### file:///C:/Users/Dell/Downloads/6 Bangmod-JMCS 2017.pdf

N.N. Krasovskii Institute of Mathematics and Mechanics, Ural Branch of the Rousian Academy of Sciences and Ural Federal University named after the first President of Russia B.N.Yeltsin URAL MATHEMATICAL JOURNAL
NOME ABOUT LOOIN REGISTER SELREN CURRENT ARENVES ANNOUNCEMENTS
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ON THE OSCILLATION OF A THIRD ORDER NONLINEAR DIFFERENTIAL EQUATIONS WITH NEUTRAL TYPE V. Gentelet
ABSTRACT
In this anticit, we incompare that see listen is during of the solutions of the third-order sections with neural type of the from $(a_0(t)(a_0(t)T')^* + q(t))f(x(q(t))) = 0,  t \ge q_0 > 0,$
where $R(t) := x(t) + y(t)y^{-1}(x(t))$ . Some new samilation results are presented that even it that increases
KEYWORDS
Oscillaton, Non-Josep Naumi dofferental agazton, Titale orden

https://umjuran.ru/index.php/umj/article/view/90



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#### **3.3.1** Number of research papers published per teacher in the Journals notified on UGC care list

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#### **Screenshots of Research Article**

International Journal of Pure and Applied Mathematics Volume 114 No. 5 2017, 63 - 70 ISSN: 1311-8309 (printed version); ISSN: 1314-3395 (on-line version) url: http://www.ijpam.eu Special Issue

#### Oscillation theorems for third-order retarded differential equations with a sublinear neutral term

V. Ganesan<sup>1\*</sup> and M. Sathish  $\rm Kumar^2$ 

<sup>1</sup>Department of Mathematics Aringar Anna Government Arts College Namakkal - 637002, Tamilnadu, India.

<sup>2</sup>Department of Mathematics Paavai Engineering College Namakkal - 637018, Tamilnadu, India.

March 6, 2017

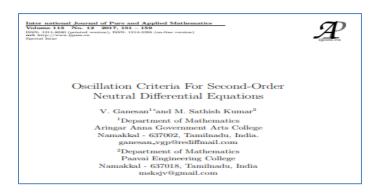
#### https://acadpubl.eu/jsi/2017-114-5/articles/8.pdf

International Journal of Applied Mathematics Volume 31 No. 6 2018, 821-831 ISSN: 1311-1728 (printed version); ISSN: 1314-8060 (on-line version) doi: http://dx.doi.org/10.12732/jjam.v316.11

OSCILLATION OF THE EVEN-ORDER NONLINEAR NEUTRAL DIFFERENTIAL EQUATIONS

> V. Ganesan<sup>1</sup>, S. Janaki<sup>2</sup>, M. Sathish Kumar<sup>3</sup><sup>§</sup>
> <sup>1</sup> PG & Research Department of Mathematics Aringar Anna Government Arts College Namakkal - 637002, Tamilnadu, INDIA
> <sup>2</sup> The Deputy Directorate of Statistics Government of Tamil Nadu
> Namakkal - 637003, Tamil Nadu, INDIA
> <sup>3</sup> Department of Mathematics
> Paavai Engineering College (Autonomous)
> Namakkal - 637018, Tamilnadu, INDIA

https://www.diogenes.bg/ijam/contents/2018-31-6/11/11.pdf



<u>file:///C:/Users/Dell/Downloads/SathishOscillationCriteriaForSecond-</u> <u>OrderNeutralDifferentialEquations.pdf</u>



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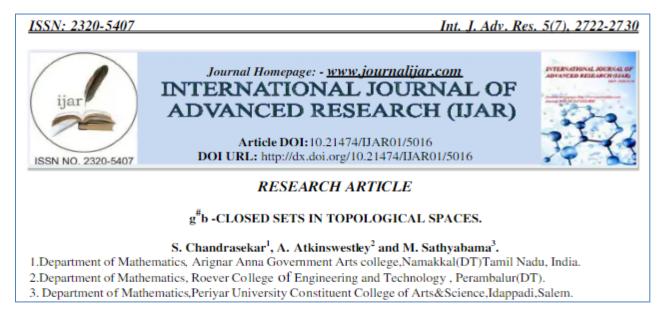
Global Journal of Mathematical Sciences: Theory and Practical. ISSN 0974-3200 Volume 9, Number 2 (2017), pp. 103-116 © International Research Publication House http://www.irphouse.com

#### δωα-Closed Sets in Topological Spaces

S.Chandrasekar<sup>1</sup>, T. Rajesh Kannan<sup>2</sup> and M.Suresh<sup>3</sup>

<sup>12</sup>Department of Mathematics, Arignar Anna Government Arts college, Namakkal(DI), Tamil Nadu, India.
<sup>2</sup>Department of Mathematics, RMD Engineering College, Kavaraipettai, Gummidipoondi, Tamil Nadu, India.

https://www.ripublication.com/irph/gjms17/gjmsv9n2\_02.pdf



https://www.academia.edu/34250622/g b CLOSED SETS IN TOPOLOGICAL SPACES



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**3.3.1** Number of research papers published per teacher in the Journals notified on UGC care list

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**Screenshots of Research Article** 



M. Sathyabama Department of Mathematics, Periyar University Constituent College of Arts and Science, Idappadi, Salem, Tamilnadu, India

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#### A. Atkinswestley Department of Mathematics, Roever Colleg Technology, Perambalur, Tamil Nadu, India

http://ijmaa.in/index.php/ijmaa/article/view/859

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**Screenshots of Research Article** 

IJCSN International Journal of Computer Science and Network, Volume 6, Issue 2, April 2017 ISSN (Online) : 2277-5420 www.IJCSN.org Impact Factor: 1.5

## A Review On Nano Quad Topological Spaces

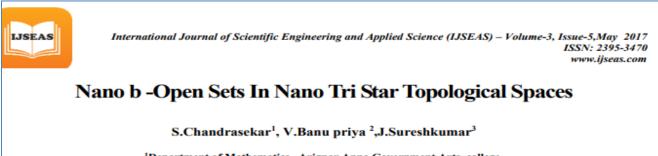
<sup>1</sup> S.Chandrasekar; <sup>2</sup> J.Suresh Kumar; <sup>3</sup> V.Banu Priya

<sup>1</sup>Department of Mathematics, Arignar Anna Government Arts college, Namakkal(DT)Tamil Nadu, India.

<sup>2</sup>Department of Mathematics, Muthayammal Engineering College, Namakkal(DT)Tamil Nadu, India.

<sup>3</sup> Department of Mathematics, RMK College of Engineering and Technology, Puduvoyal,Tiruvallur(DT), Tamil Nadu, India

http://ijcsn.org/IJCSN-2017/6-2/A-Review-On-Nano-Quad-Topological-Spaces.pdf



<sup>1</sup>Department of Mathematics , Arignar Anna Government Arts college, Namakkal(DT)Tamil Nadu, India. <sup>2</sup>Department of Mathematics, RMK College of Engineering and Technology , Puduvoyal, Tiruvallur(DT), Tamil Nadu, India. <sup>3</sup>Department of Mathematics , Muthayammal Engineering College, Namakkal(DT)Tamil Nadu, India.

E-mail: chandrumat@gmail.com, spriya.maths@gmail.com, surejsk@gmail.com

https://ijseas.com/volume3/v3i5/ijseas20170509.pdf



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PROPERTIES AND APPLICATIONS OF θg*α-CLOSED SETS IN TOPOLOGICAL SPACES					
Sakkraiveeranan Chandrasekar 🗆 Velusamy Banupriya 🗆 Jeyaraman Suresh Kumar 🗆					

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🔟 Abstract views: 4 / 🏧 PDF downloads: 2		Volume 11 Issue 2 (2023): Submissions are open for Volume 11, Issue 2 (2023). Submissions
<ol> <li>Chandrasekar</li> <li>Department of Mathematics, Arignar Anna Government Arts College, Namakka, Tamilnadu, India</li> </ol>	PDF	must be original and should not have been published previously or be under consideration for
M. Suresh	PUBLISHED	publication while being evaluated for this journal.
Department of Mathematics, RMK Engineering College, Puduvayal, Tiruvallur, Tamilnadu, India	13-03-2017	
T. Rajesh Kannan Department of Mathematics, Arignar Anna Government Arts College.		ARTICLE GUIDELINE
Namakkal, Tamilnadu, India	HOW TO CITE	Authors are requested to read this

http://ijmaa.in/index.php/ijmaa/article/view/814

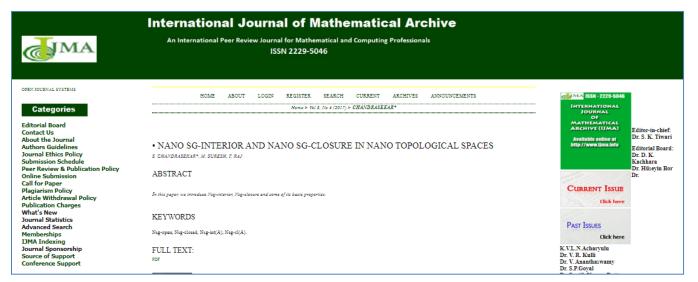


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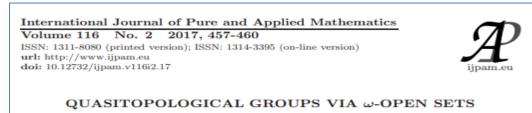
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#### http://www.ijma.info/index.php/ijma/article/view/4743



N. Rajesh<sup>1</sup><sup>§</sup>, S. Shanthi<sup>2</sup>

<sup>1</sup>Department of Mathematics Rajah Serfoji Govt. College Thanjavur, 613005, Tamilnadu, INDIA <sup>2</sup>Department of Mathematics Arignar Anna Govt. Arts College Namakkal, 637 001, Tamilnadu, INDIA

Abstract: In this paper, we introduce and study a class of topologized groups called  $\omega$ -topological groups.

https://ijpam.eu/contents/2017-116-2/17/17.pdf



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#### 3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list

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#### **Screenshots of Research Article**

International Journal of Pure and Applied Mathematics Volume 115 No. 4 2017, 787-799 ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version) url: http://www.ijpam.eu doi: 10.12732/ijpam.v115i4.12



#### ON UPPER AND LOWER ALMOST CONTRA-*I*-CONTINUOUS MULTIFUNCTIONS

C. Arivazhai<sup>1</sup>, N. Rajesh<sup>2</sup><sup>§</sup>, S. Shanthi<sup>3</sup>

<sup>1,2</sup>Department of Mathematics Rajah Serfoji Govt. College Thanjavur, 613005, Tamilnadu, INDIA <sup>3</sup>Department of Mathematics Arignar Anna Govt. Arts College Namakkal, 637 001, Tamilnadu, INDIA

#### https://www.ijpam.eu/contents/2017-115-4/12/12.pdf

International Journal of Pure and Applied Mathematics Volume 116 No. 3 2017, 689-693 ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version) url: http://www.ijpam.eu doi: 10.12732/ijpam.v116i3.14



#### ON $\omega$ -MIXING FOR TOPOLOGICAL DYNAMICAL SYSTEMS

N. Rajesh<sup>1</sup><sup>§</sup>, S. Shanthi<sup>2</sup>

<sup>1</sup>Department of Mathematics Rajah Serfoji Govt. College Thanjavur, 613005, Tamilnadu, INDIA <sup>2</sup>Department of Mathematics Arignar Anna Govt. Arts College Namakkal, 637 001, Tamilnadu, INDIA

Abstract: In this paper, we study the properties of  $\omega$ -mixing for discrete dynamical systems defined on  $\omega$ -open topological spaces.

https://ijpam.eu/contents/2017-116-3/14/14.pdf



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3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list

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#### **Screenshots of Research Article**

"Vasile Alecsandri" University of Bacău Faculty of Sciences Scientific Studies and Research Series Mathematics and Informatics Vol. 27(2017), No. 2, 15-36

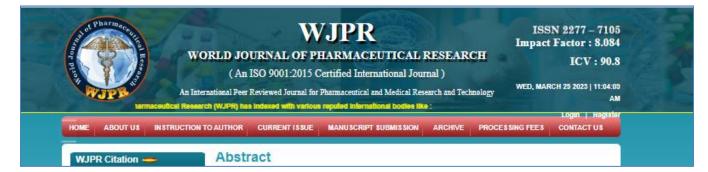
## PROPERTIES OF IDEAL BITOPOLOGICAL $\alpha$ -OPEN SETS

A. I. EL-MAGHRABI, M. CALDAS, S. JAFARI, R. M. LATIF, A. NASEF, N. RAJESH AND S. SHANTHI

Abstract. The aim of this paper is to introduce and characterize some concepts of  $\alpha$ -open sets and their related notions in ideal bitopological spaces.

Dedicated to Professor Valeriu Popa on the Occasion of His 80th Birthday

#### file:///C:/Users/Dell/Downloads/idealbitopologicalalpha-opensets.pdf



https://wjpr.net/abstract\_show/11056



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**Screenshots of Research Article** 

Volume 7, Issue 05, 842-850.

**Research Article** 

WORLD JOURNAL OF PHARMACEUTICAL RESEARCH

SJIF Impact Factor 8.074 ISSN 2277-7105

## INFLUENCE OF IAA AND IBA ON ROOTING AND SHOOT FORMATION OF STEM CUTTINGS OF *RHINACANTHUS NASUTUS* (L). KURZ. - AN ENDANGERED MEDICINAL PLANT FROM INDIA.

C. Alagesaboopathi<sup>1</sup>\* and G. Subramanian<sup>2</sup>

<sup>1</sup>Department of Botany, Government Arts College (Autonomous), Salem - 636 007,

Tamilnadu, India.

<sup>2</sup>Department of Botany, Arignar Anna Government Arts College, Namakkal - 637 002,

Tamilnadu, India.

https://wjpr.s3.ap-south-1.amazonaws.com/article\_issue/1519809628.pdf



Volume 7, Issue 6, 141-143.

**Review Article** 

WORLD JOURNAL OF PHARMACEUTICAL RESEARCH

SJIF Impact Factor 8.074 ISSN 2277-7105

## A VARIANT OF *ANDROGRAPHIS* OVATA C.B. CLARKE (ACANTHACEAE) - AN ENDEMIC MEDICINAL PLANT FROM INDIA

C. Alagesaboopathi<sup>1</sup>\* and G. Subramanian<sup>2</sup>

<sup>1</sup>Department of Botany, Government Arts College (Autonomous), Salem - 636 007, Tamil

Nadu, India.

<sup>2</sup>Department of Botany, Arignar Anna Government Arts College, Namakkal - 637 002,

Tamilnadu, India.

https://wjpr.s3.ap-south-1.amazonaws.com/article\_issue/1521183706.pdf



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RASAYAN J. Chem. Vol. 10 | No. 3 |778 - 783 | July - September | 2017 ISSN: 0974-1496 | e-ISSN: 0976-0083 | CODEN: RJCABP http://www.rasayanjournal.com http://www.rasayanjournal.co.in

## A REVIEW ON EFFICIENCY FACTORS AND EQUATIONS OF VARIOUS SOLAR WATER HEATERS AND THEIR RELATIVE FIELD COMPONENTS

N. Sethupathi<sup>1</sup>, K.Vikramprasad<sup>1</sup> and P. Maadeswaran<sup>2</sup>

<sup>1</sup>Department of Physics, Arignar Anna Govt. Arts College, Namakkal- 637 002, Tamilnadu, India.
<sup>2</sup>Department of Energy Studies, Periyar University, Salem-636 011 \*E-mail:sethupathi2011@gmail.com.

#### ABSTRACT

solar water heater (SWH) is a cheap and eco- friendly human development system in the modern era. SWH is used n both homes and industries. This review paper is an overview of different types of SWH efficiency calculations

http://rasayanjournal.co.in/admin/php/upload/211\_pdf.pdf

Desalination and Water Treatment
 www.deswater.com

0 doi: 10.5004/dwt.2018.22458

115 (2018) 288-299 May

 $Fe_3O_4$  immobilized magnetic nano carbon balls for the adsorption of methylene blue dye in batch and packed bed column mode

V. Kumaravelan<sup>a</sup>, P. Sivakumar<sup>b,\*</sup>

\*Department of Chemistry, Kandaswami Kandar's College, Velur, Namakkal – 638182, Tamil Nadu, India, Tel. +919442580922, email: vksiniyan@gmail.com (V. Kumaravelan) \*Department of Chemistry, Arignar Anna Govt Arts College, Namakkal – 637 002, Tamil Nadu, India, Tel. +919865366488, email : shivagobi@yahoo.com (P. Sivakumar)

Received 26 December 2017; Accepted 6 May 2018

https://www.deswater.com/DWT abstracts/vol 115/115 2018 288.pdf



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#### **Screenshots of Research Article**



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https://www.worldwidejournals.com/indian-journal-of-applied-research-(IJAR)/article/factorsinfluencing-the-purchase-decisions-among-youth-segment-towards-smartphones-in-namakkaldistrict/MTQ4NzQ=/



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Middle-East Journal of Scientific Research 24 (Special Issue on Innovations in Information, Embedded and Communication Systems): 105-112, 2016 ISSN 1990-9233; © IDOSI Publications, 2016 DOI: 10.5829/idosi.mejsr.2016.24.IIECS.23147

#### A Survey on Fairness MAC Protocols in Manets

<sup>1</sup>M. Saseekala and <sup>2</sup>P. Kamalakannan

<sup>1</sup>Department of Computer Science, MGR College, Hosur, TN, India <sup>2</sup>Department of Computer Science, Arignar Anna Govt. College, Namakkal, TN, India

Abstract: Mobile Ad Hoc Networks (MANET) is a collection of self-governing mobile nodes that can communicate with each other using multihop wireless links without depending on any fixed base station

#### https://www.idosi.org/mejsr/mejsr24(IIECS)16/17.pdf

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BUSINESS, ECONOMICS & MANAGEMENT CHEMICAL & MATERIAL SCIENCES	Articles 215377 Journals 24559	Inter-Continental Management Research Consortium was started in 2012 and has been serving various universities and management institutions since then.	Keywords     Q       Image: Search     Image: Search
ENGINEERING & COMPUTER SCIENCE	News	URL: http://www.icmrr.org/	010101010 0101010100
HEALTH & MEDICAL SCI	Journal Impact Factor Report 2021 🗗	ISSN: 2347-1662	
HUMANITIES,	Date: 14th February, 2021	EISSN:2320-9704	Electronic Object
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