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

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

OSCILLATION OF CERTAIN THIRD ORDER NONLINEAR DIFFERENTIAL EQUATION WITH NEUTRAL TERMS

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*Corresponding author.

file:///C:/Users/Dell/Downloads/6_Bangmod-JMCS_2017.pdf

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Home > Vol 3, No 2 (2017) > Ganesan

ON THE OSCILLATION OF A THIRD ORDER NONLINEAR DIFFERENTIAL EQUATIONS WITH NEUTRAL TYPE

V. Ganesan   (Arlingar Anna Government Arts College, Namakkal, TamilNadu, India)
Marappan Sathish Kumar   (Paavai Engineering College, Paatai, Namakkal, TamilNadu, India)

ABSTRACT

In this article, we investigate that oscillation behavior of the solutions of the third-order nonlinear differential equation with neutral type of the form

$$\left(a_2(t)\left(a_1(t)Z'(t)\right)'\right)' + q(t)f(x(\sigma(t))) = 0, \quad t \geq t_0 > 0,$$

where $Z(t) : x(t) + p(t)x^\alpha(\tau(t))$. Some new oscillation results are presented that extend those results given in the literature.

KEYWORDS

Oscillation, Non-linear, Neutral differential equation, Third order

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

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

International Journal of Pure and Applied Mathematics
Volume 114   No. 5   2017, 63 – 70
ISSN: 1311-8080 (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[1]* and M. Sathish Kumar[2]

[1]Department of Mathematics
Aringar Anna Government Arts College
Namakkal - 637002, Tamilnadu, India.

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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/ijam.v31i6.11

OSCILLATION OF THE EVEN-ORDER NONLINEAR NEUTRAL DIFFERENTIAL EQUATIONS

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

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

International Journal of Pure and Applied Mathematics
Volume 113   No. 12   2017, 151 – 159
ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version)
url: http://www.ijpam.eu
Special Issue

Oscillation Criteria For Second-Order Neutral Differential Equations

V. Ganesan[1]*and M. Sathish Kumar[2]
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Aringar Anna Government Arts College
Namakkal - 637002, Tamilnadu, India.
ganesan_vgp@rediffmail.com
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Paavai Engineering College
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msksjv@gmail.com

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

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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

δωα-Closed Sets in Topological Spaces

S.Chandrasekar[1], T. Rajesh Kannan[2] and M.Suresh[3]

[1,2]Department of Mathematics, Arignar Anna Government Arts college,
Namakkal(DT),Tamil Nadu, India.
[2]Department of Mathematics, RMD Engineering College, Kavaraipettai,
Gummidipoondi, Tamil Nadu, India.

https://www.ripublication.com/irph/gjms17/gjmsv9n2_02.pdf

RESEARCH ARTICLE

g#b -CLOSED SETS IN TOPOLOGICAL SPACES.

S. Chandrasekar[1], A. Atkinswestley[2] and M. Sathyabama[3].
1.Department of Mathematics, Arignar Anna Government Arts college.Namakkal(DT)Tamil Nadu, India.
2.Department of Mathematics, Roever College of Engineering and Technology , Perambalur(DT).
3. Department of Mathematics,Periyar University Constituent College of Arts&Science,Idappadi,Salem.

https://www.academia.edu/34250622/g_b_CLOSED_SETS_IN_TOPOLOGICAL_SPACES

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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International Journal of Mathematical Archive

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• ΔΩA- CLOSED FUNCTIONS AND QUASI-ΔΩA CLOSED FUNCTIONS IN TOPOLOGICAL SPACES
S. CHANDRASEKAR*, T. RAJESH KANNAN, R. SELVARAJ

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g#b-Interior and g#b-Closure in Topological Spaces

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S. Chandrasekar
Department of Mathematics, Arignar Anna Government Arts College, Namakkal(DT), Tamilnadu., India

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

A. Atkinswestley
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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

[1] S.Chandrasekar; [2] J.Suresh Kumar; [3] V.Banu Priya

[1] Department of Mathematics , Arignar Anna Government Arts college,
Namakkal(DT)Tamil Nadu, India.

[2] Department of Mathematics , Muthayammal Engineering College,
Namakkal(DT)Tamil Nadu, India.

[3] 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

IJSEAS

International Journal of Scientific Engineering and Applied Science (IJSEAS) – Volume-3, Issue-5,May 2017
ISSN: 2395-3470
www.ijseas.com

Nano b –Open Sets In Nano Tri Star Topological Spaces

S.Chandrasekar[1], V.Banu priya [2],J.Sureshkumar[3]

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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 $\theta g^*\alpha$-CLOSED SETS IN TOPOLOGICAL SPACES

Year 2017, Issue 18, 1 - 11, 01.09.2017

Sakkraiveeranan Chandrasekar   Velusamy Banupriya   Jeyaraman Suresh Kumar

https://dergipark.org.tr/en/pub/jnt/issue/34519/381406

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On Quasi Soft sg-open and Quasi Soft sg-closed Functions in Soft Topological Spaces

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S. Chandrasekar
Department of Mathematics, Arignar Anna Government Arts College, Namakkal, Tamilnadu, India

M. Suresh
Department of Mathematics, RMK Engineering College, Puduvoyal, Tiruvallur, Tamilnadu, India

T. Rajesh Kannan
Department of Mathematics, Arignar Anna Government Arts College, Namakkal, Tamilnadu, India

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

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

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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ON UPPER AND LOWER ALMOST
CONTRA-$\mathcal{I}$-CONTINUOUS MULTIFUNCTIONS

C. Arivazhai[1], N. Rajesh[2][§], S. Shanthi[3]

[1,2]Department of Mathematics
Rajah Serfoji Govt. College
Thanjavur, 613005, Tamilnadu, INDIA
[3]Department of Mathematics
Arignar Anna Govt. Arts College
Namakkal, 637 001, Tamilnadu, INDIA

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

ijpam.eu

ON ω-MIXING FOR TOPOLOGICAL DYNAMICAL SYSTEMS

N. Rajesh[1][§], S. Shanthi[2]

[1]Department of Mathematics
Rajah Serfoji Govt. College
Thanjavur, 613005, Tamilnadu, INDIA
[2]Department of Mathematics
Arignar Anna Govt. Arts College
Namakkal, 637 001, Tamilnadu, INDIA

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

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

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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"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 α-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 α-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

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https://wjpr.net/abstract_show/11055

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WORLD JOURNAL OF PHARMACEUTICAL RESEARCH

SJIF Impact Factor 8.074

Volume 7, Issue 05, 842-850.   **Research Article**   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[1]* and G. Subramanian[2]

[1]Department of Botany, Government Arts College (Autonomous), Salem - 636 007, Tamilnadu, India.

[2]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

WORLD JOURNAL OF PHARMACEUTICAL RESEARCH

SJIF Impact Factor 8.074

Volume 7, Issue 6, 141-143.   **Review Article**   ISSN 2277– 7105

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

C. Alagesaboopathi[1]* and G. Subramanian[2]

[1]Department of Botany, Government Arts College (Autonomous), Salem - 636 007, Tamil Nadu, India.

[2]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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International Journal of Pharmacy and Biological Sciences
ISSN: 2321-3272 (Print), ISSN: 2230-7605 (Online)
IJPBS | Volume 8 | Issue 3 | JUL-SEPT | 2018 | 371-373
Research Article | Biological Sciences | Open Access | MCI Approved| ज्ञान-विज्ञान विमुक्तये
|UGC Approved Journal |

PTERIDOPHYTIC FLORA OF KANJAMALAI HILLS, SALEM DISTRICT OF TAMIL NADU, SOUTH INDIA

C. Alagesaboopathi[1*], G. Subramanian[2], G. Prabakaran[3], R.P. Vijayakumar[3] and D. Jayabal[4]

[1]Department of Botany, Government Arts College (Autonomous), Salem - 636 007, Tamilnadu, India.
[2]Department of Botany, Arignar Anna Government Arts College, Namakkal - 637 002, Tamilnadu, India.
[3]PG & Research Department of Botany, Government Arts College, Dharmapuri - 636705, Tamilnadu, India
[4]Department of Biochemistry, Salem Christian College of Arts and Science, Parthikadu, Salem - 636 122, Tamilnadu, India.

*Corresponding Author Email: alagesaboopathi@gmail.com

ABSTRACT

https://www.ijpbs.com/ijpbsadmin/upload/ijpbs_5b84e02a172c1.pdf

Research in PLANT BIOLOGY
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INTRA SPECIFIC ANALYSIS OF GLORIOSA SUPERBA (L) THROUGH ISSR FINGER PRINTING AND DNA SEQUENCING OF ECOTYPES COLLECTED FROM DIFFERENT ACCESSIONS OF TAMIL NADU STATE, INDIA

J. A. PAUL JASMINE
Research and Development Center, Bharathiar University, Coimbatore 641 046
Tamil Nadu, India

V. BALAKRISHNAN
PG and Research Department of Botany, Arignar Anna Government Arts College,
Sanyasikaradu, Namakkal 637 002, Tamil Nadu, India

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JASMINE, J. A. P., & BALAKRISHNAN, V.

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https://updatepublishing.com/journal/index.php/ripb/article/view/3600

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

N. Sethupathi[1], K.Vikramprasad[1] and P. Maadeswaran[2]
[1]Department of Physics, Arignar Anna Govt. Arts College,
Namakkal- 637 002,Tamilnadu, India.
[2]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 in 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

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

V. Kumaravelan[a], P. Sivakumar[b,*]

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

https://www.deswater.com/DWT_abstracts/vol_115/115_2018_288.pdf

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http://puneresearch.com/media/data/issues/5972ee013347f.pdf

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

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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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

[1]M. Saseekala and [2]P. Kamalakannan

[1]Department of Computer Science, MGR College, Hosur, TN, India
[2]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

https://www.citefactor.org/journal/index/11807/intercontinental-journal-of-human-resource-research-review#.ZFyJdnZBzIU