Judul Karya Ilmiah (Artikel)	: Constructing Volatility Model of Portfolio Return by Using GARCH
Jumlah Penulis	: 3 Orang Penulis ke : 2
Nama Penulis	: Tarno, Hasbi Yasin, Budi Warsito
Identitas Jurnal Ilmiah	
a. Nama Jurnal	: Global Journal of Pure and Applied Mathematics (GJPAM)
b. Nomor ISSN	: 0973-1768
c. Volume, No, Bulan, Tahun	: Vol. 12 No. 2, 2016, pp. 1201-1210
d. Penerbit	Research India Publications
e. DOI artikel (jika ada)	1 ···
f. Alamat web jurnal	https://www.ripublication.com/gjpam16/gjpamv12n2_03.pdf
g. Indexing	: Scopus, EBSCO
Kategori Publikasi Jurnal Ilmiah	: 🖌 Jurnal Ilmiah Internasional / Internasional Bereputasi
(beri √pada kategori yang tepat)	Jurnal Ilmiah Nasional Terakreditasi
	Jurnal Ilmiah Nasional/Nasional Terindeks di DOAJ, CAB

Hasil Penilaian Peer Review :

		Nilai Reviewer		
	Komponen Yang Dinilai	Reviewer I	Reviewer II	Nilai Rata-rata
a.	Kelengkapan unsur isi buku (10%)	4	3,5	3,75
b.	Ruang lingkup dan kedalaman pembahasan (30%)	lo	10,0	10,0
C.	Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	10	10,4	10,2
d.	Kelengkapan unsur dan kualitas penerbit (30%)	10	9,5	9,75
	Total = (100%)	34	33,4	33, F

Reviewer 2

Drs. Sudarno, M.Si NIP. 19640709 199201 1 001

Unit kerja : Departemen Statistika Undip Semarang, 1914pril 2019 Reviewer 1

Dr. Rukun Santoso, M.Si. NIP. 19650225 199201 1 001

Unit kerja : Departemen Statistika Undip

Judul Karya Ilmiah (Artikel)	: Constructing Volatility Model of Portfolio Return by Using GARCH
Jumlah Penulis	: 3 Orang Penulis ke : 2
Nama Penulis	: Tarno, Hasbi Yasin, Budi Warsito
Identitas Jurnal Ilmiah	
a. Nama Jurnal	: Global Journal of Pure and Applied Mathematics (GJPAM)
b. Nomor ISSN	: 0973-1768
c. Volume, No, Bulan, Tahun	: Vol. 12 No. 2, 2016, pp. 1201-1210
d. Penerbit	Research India Publications
e. DOI artikel (jika ada)	-
f. Alamat web jurnal	https://www.ripublication.com/gjpam16/gjpamv12n2 03.pdf
g. Indexing	: Scopus, EBSCO
Kategori Publikasi Jurnal Ilmiah	: 🖌 Jurnal Ilmiah Internasional / Internasional Bereputasi
(beri √pada kategori yang tepat)	Jurnal Ilmiah Nasional Terakreditasi
	Jurnal Ilmiah Nasional/Nasional Terindeks di DOAJ, CABI

Hasil Penilaian Peer Review :

		Nilai Maksimal Jurnal Ilmiah	
Komponen Internasional / Yang Dinilai Internasional Bereputasi ** 40 40		Nilai Akhir Yang Diperoleh	
a.	Kelengkapan unsur isi buku (10%)	4	3,75
b.	Ruang lingkup dan kedalaman pembahasan (30%)	12	10,0
c.	Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	12	10,2
d.	Kelengkapan unsur dan kualitas penerbit (30%)	12	9,75
	Total = (100%)	40	33,7

Reviewer 2

Drs. Sudarno, M.Si NIP. 19640709 199201 1 001

Unit kerja : Departemen Statistika Undip Semarang, UApril 2019 Reviewer 199

Dr. Rukun Santoso, M.Si. NIP. 19650225 199201 1 001

Unit kerja : Departemen Statistika Undip

Judul Karya Ilmiah (Artikel)	;	Constructing Volatility Model of Portfolio Return by Using GARCH
Jumlah Penulis	:	3 Orang Penulis ke : 2
Nama Penulis	:	Tarno, Hasbi Yasin, Budi Warsito
Identitas Jurnal Ilmiah		
a. Nama Jurnal	:	Global Journal of Pure and Applied Mathematics (GJPAM)
b. Nomor ISSN	:	0973-1768
c. Volume, No, Bulan, Tahun	:	Vol. 12 No. 2, 2016, pp. 1201-1210
d. Penerbit	:	Research India Publications
e. DOI artikel (jika ada)	:	-
f. Alamat web jurnal	:	https://www.ripublication.com/gjpam16/gjpamv12n2_03.pdf
g. Indexing	:	Scopus, EBSCO
Kategori Publikasi Jurnal Ilmiah	:[Jurnal Ilmiah Internasional / Internasional Bereputasi
(beri √pada kategori yang tepat)		Jurnal Ilmiah Nasional Terakreditasi
		Jurnal Ilmiah Nasional/Nasional Terindeks di DOAJ, CABI

			Nilai Mak	simal Jurnal Ilm	iah = 40		Nilai
	Komponen Yang Dinilai	Internasional Bereputasi	Internasional	Nasional Terakreditasi	Nasional Tidak Terakreditasi	Nasional Terindeks DOAJ dll.	Akhir Yang Diperoleh
a.	Kelengkapan unsur isi buku (10%)	4					A
b.	Ruang lingkup dan kedalaman pembahasan (30%)	12					10
c.	Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	12					10
d.	Kelengkapan unsur dan kualitas penerbit (30%)	12					10
	Total = (100%)	40					34
	Kontribusi Pengusul (Penulis Anggota)						8 (40%/2)

Komentar Peer Review:

a. Kelengkapan dan kesesuaian unsur:

.....

- b. Ruang lingkup dan kedalaman pembahasan: Filah nampah beharuan, Hahl berupa Gambar / Fabel Fidah dibuhus detail
- c. Kecukupan dan kemutahiran data/informasi dan metodologi: Penynjian gambar fidah baih
- d. Kelengkapan unsur dan kualitas penerbit: Sudah barlu Sapi belum malinimal
- e. Indikasi Plagiasi: Lidah ada f. Kesesuaian bidang ilmu:
- Sehun

Semarang, 13-8-2019 Reviewer 1

Dr. Rukun Santoso, M.Si. NIP. 19650225 199201 1 001

Unit kerja: Departemen Statistika Undip Jabatan Fungsional: Lektor Kepala

Judul Karya Ilmiah (Artikel)	:	Constructing Volatility Model of Portfolio Return by Using GARCH
Jumlah Penulis	:	3 Orang Penulis ke : 2
Nama Penulis	:	Tarno, Hasbi Yasin, Budi Warsito
Identitas Jurnal Ilmiah		
a. Nama Jurnal	:	Global Journal of Pure and Applied Mathematics (GJPAM)
b. Nomor ISSN	:	0973-1768
c. Volume, No, Bulan, Tahun	:	Vol. 12 No. 2, 2016, pp. 1201-1210
d. Penerbit	:	Research India Publications
e. DOI artikel (jika ada)	:	-
f. Alamat web jurnal	:	https://www.ripublication.com/gjpam16/gjpamv12n2_03.pdf
g. Indexing	:	Scopus, EBSCO
Kategori Publikasi Jurnal Ilmiah	: [Jurnal Ilmiah Internasional / Internasional Bereputasi
(beri √pada kategori yang tepat)		Jurnal Ilmiah Nasional Terakreditasi

Jurnal Ilmiah Nasional/Nasional Terindeks di DOAJ, CABI

			Nilai Mak	simal Jurnal Ilm	iah = 40		Nilai
	Komponen Yang Dinilai	Internasional Bereputasi	Internasional	Nasional Terakreditasi	Nasional Tidak Terakreditasi	Nasional Terindeks DOAJ dll.	Akhir Yang Diperoleh
a.	Kelengkapan unsur isi buku (10%)	4					3,5
b.	Ruang lingkup dan kedalaman pembahasan (30%)	12					lo
C.	Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	12					10,4
d.	Kelengkapan unsur dan kualitas penerbit (30%)	12					9,5
	Total = (100%)	40					33,4
	Kontribusi Pengusul (Penulis Anggota)						8 (40%/2)

Komentar Peer Review:

- a. Kelengkapan dan kesesuaian unsur: Abstrack Perlu Pendefinisian Judul dan di tambah hasil Penditian
- b. Ruang lingkup dan kedalaman pembahasan: Pembahasan masih unun / Kurang dalan
- c. Kecukupan dan kemutahiran data/informasi dan metodologi: Posisi Penelition padu Introduction untuk sitasi belum tersitat
- d. Kelengkapan unsur dan kualitas penerbit: kualitas pengajian dan tampilan kurang bagus
- e. Indikasi Plagiasi: Eidax ada
- f. Kesesuaian bidang ilmu: Sesuai bidangnya

Semarang, 19/9 - 2019 Reviewer 2

Drs. Sudarno, M.Si. NIP. 19640709 199201 1 001

Unit kerja: Departemen Statistika Undip Jabatan Fungsional: Lektor Kepala

Scopus

Document details

	Metrics ③ View all metrics
되 Export 速 Download 🛱 Print 🖾 E-mail 🐻 Save to PDF 🕁 Add to List More >	1 Citation in Scopu
Global Journal of Pure and Applied Mathematics /olume 12, Issue 2, 2016, Pages 1201-1210	0.28 Field-Weighted Citation Impact
Constructing volatility model of portfolio return by using GARCH (Article) Tarno, Yasin, H. , Warsito, B.	Charlon inipad
Department of Statistics, Universitas Diponegoro, Jl. Prof. Sudarto, SH, Semarang, 50275, Indonesia	Ŷ ⊚
Abstract view references (15)	PlumX Metrics
The aim of this research is forecasting volatility of portfolio return using GARCH model. Portfolio return is combination of several return assets. The mean model of stock return is constructed using Autoregressive Integrated Moving Average (ARIMA), and the variance is determined using GARCH model. Based on squares of residual that ielded from mean model, the variance model is constructed using GARCH. The optimal GARCH model is	Usage, Captures, Mentions, Social Media and Citations beyond Scopus.
mplemented for forecasting volatility of several stock return such as Bank Mandiri (BMRI), Bank BCA (BBCA), Unilever UNVR) stock return and their portfolio as case studies. The weight(proportion) of each asset in the portfolio return is letermined based on Lagrange Multiplier Method. © Research India Publications.	Cited by 1 document Volatility modeling of financial
SciVal Topic Prominence 🛈	time series data using ANFIS Tarno , Wilandari, Y. , Suparti <i>(2017) Advanced Science Letter</i> s
opic: GARCH Value at risk Generalized autoregressive	View details of this citation
Prominence percentile: 93.739 (j)	
	Inform me when this documen is cited in Scopus:
Author keywords ARIMA) (GARCH) (Portfolio return) (Volatility)	Set citation alert >
	Set citation feed >
	Related documents
SSN: 09731768 Document Type: Article	
SSN: 09731768 Document Type: Article Source Type: Journal Publisher: Research India Publications Driginal language: English Publisher: Research India Publications	Modelling of cayenne productio in Central Java using ARIMA- GARCH
Source Type: Journal Publisher: Research India Publications	GARCH Tarno , Sudarno , Ispriyanti, D. (2018) Journal of Physics:
Source Type: Journal Publisher: Research India Publications Driginal language: English	in Central Java using ARIMA- GARCH Tarno , Sudarno , Ispriyanti, D. <i>(2018) Journal of Physics:</i> <i>Conference Series</i>
Source Type: Journal Driginal language: English Publisher: Research India Publications References (15) View in search results format > Image: All Export Print Email Save to PDF Create bibliography Image: 1 Engle, R.F. Autoregressive Conditional Heteroscedasticity with Estimates of Variance United Kingdom Inflation	in Central Java using ARIMA- GARCH Tarno , Sudarno , Ispriyanti, D. <i>(2018) Journal of Physics:</i>
Source Type: Journal Driginal language: English Publisher: Research India Publications References (15) View in search results format > Image: All Export Print E-mail Image: Publisher: Research India Publications	in Central Java using ARIMA- GARCH Tarno , Sudarno , Ispriyanti, D. (2018) Journal of Physics: Conference Series Application of generalized autoregressive conditional heteroscedasticity (GARCH) model for forecasting
Source Type: Journal Driginal language: English References (15) View in search results format > All Export Print E-mail Save to PDF Create bibliography 1 Engle, R.F. Autoregressive Conditional Heteroscedasticity with Estimates of Variance United Kingdom Inflation (1982) Econometrica, 50 (4), pp. 987-1007. Cited 8132 times. 2 Bollerslev, T. Generalized autoregressive conditional heteroskedasticity	 in Central Java using ARIMA-GARCH Tarno , Sudarno , Ispriyanti, D. (2018) Journal of Physics: Conference Series Application of generalized autoregressive conditional heteroscedasticity (GARCH) model for forecasting Barusman, M.Y.S. , Usman, M. Ambarwati, R. (2018) Journal of Engineering and Applied Sciences Modeling cayenne production data in Central Java using adaptive neuro fuzzy inference
Source Type: Journal Driginal language: English Publisher: Research India Publications References (15) View in search results format > All Export Print E-mail Save to PDF Create bibliography 1 Engle, R.F. Autoregressive Conditional Heteroscedasticity with Estimates of Variance United Kingdom Inflation (1982) <i>Econometrica</i> , 50 (4), pp. 987-1007. Cited 8132 times. 2 Bollerslev, T.	 in Central Java using ARIMA-GARCH Tarno , Sudarno , Ispriyanti, D. (2018) Journal of Physics: Conference Series Application of generalized autoregressive conditional heteroscedasticity (GARCH) model for forecasting Barusman, M.Y.S. , Usman, M. Ambarwati, R. (2018) Journal of Engineering and Applied Sciences Modeling cayenne production data in Central Java using

Find more related documents in Scopus based on:

View all related documents based

on references

- Morgan, J.P.
 (1996) *Risk Metrics -Technical Document*. Cited 117 times.
 J. P. Morgan Global Research Fourth Edition, Reuters
- 4 Danielsson, J.
 (2011) *Financial Risk Forecasting*. Cited 68 times.
 John Wiley and Sons, Ltd. United Kingdom

5 Tsay, R.S.
 (2005) Analysis of Financial Time Series. Cited 1394 times.
 2nd Edition, Wiley-Interscience, A John Wiley & Sons, Inc., Publication

 6 Wei, W.W.S.
 (2006) *Time Series Analysis: Univariate and Multivariate Methods*. Cited 1350 times. Second Edition, Pearson Education Inc. Boston

7 Zivot, E., Wang, J.
 (2002) Modeling Financial Time Series with S-PLUS. Cited 80 times.

8 Box, G.E.P., Jenkins, G.M.
 (1978) *Time Series Analysis: Forecasting and Control.* Cited 16892 times.
 3rd Edition, Holden Day, San Francisco

 9 Brockwell, P.J., Davis, R.A. (1991) *Time Series: Theory and Methods*. Cited 4903 times.
 2nd edition, New York: Springer Verlag

 10 Makridakis, S., Wheelwright, S.C., Hyndman, R.J. (1998) Forecasting: Methods and Applications. Cited 2277 times. John Wiley & Sons Inc., New York

I1 Engle, R.F., Manganeli, S.
 (2001) Value at Risk Models in Finance. Cited 59 times.
 Working Paper Series No. 75 August 2001 European Central Bank. Germany

 12 Holton, G.
 (2003) Value at Risk, Theory and Practice. Cited 174 times. Academic Press, Boston

🗌 13 Jorion, P.

(2002) Value at Risk: The New Benchmarking for Managing Financial Risk. Cited 125 times. Mc Graw Hill

🗌 14 Ledenyov, D.O., Ledenyov, V.O. On the Risk Management with Application of Econophysics Analysis in Central Banks and Financial Institutions (2012) The Financial Times, the Bodley Head and the Random House First Annual Essay Competitions London, UK 15 Lopez, J.A. Evaluating the Predictive Accuracy of Volatility Models (1999) Economics Research Department. Cited 8 times. Federal Reserve Bank of San Fransisco © Copyright 2016 Elsevier B.V., All rights reserved. < Back to results | < Previous 16 of 18 Next > ∧ Top of page **Customer Service** About Scopus Language 日本語に切り替える What is Scopus Help 切换到简体中文 Content coverage Contact us 切換到繁體中文 Scopus blog Scopus API Русский язык Privacy matters

ELSEVIER

Terms and conditions Privacy policy

Copyright © Elsevier B.V ... All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

We use cookies to help provide and enhance our service and tailor content. By continuing, you agree to the use of cookies.

RELX

Scopus Source details

Global Journal of Pure and Applied Mathematics	CiteScore 2015	(i)
Scopus coverage years: from 2010 to 2016	0.18	
(coverage discontinued in Scopus)		
Publisher: Research India Publications	SJR 2018	(i)
ISSN: 0973-1768 E-ISSN: 0973-9750	0.117	U
Subject area: (Mathematics: General Mathematics) (Mathematics: Applied Mathematics)		
View all documents > Set document alert Save to source list Journal Homepage	SNIP 2018 0.420	(j)

CiteScore	CiteScore rank & trend Ci	teScore presets Scopus content coverage			
CiteScore	e 2015 ~	Calculated using data from 31 May, 2016	CiteScore ran	k 🛈	
	Citation Count 2015	34 Citations >	Category	Rank Per	centile
0.18	= Documents 2012 - 2014*	= 189 Documents >	Mathematics	#280/317	10tl
*CiteScore incl	udes all available document types	View CiteScore methodology > CiteScore FAQ >	Mathematics Mathematics		
Metrics dis ndustry and acc		ng to Snowball Metrics ${m au}$, a collaboration between	Applied Mathematics	#378/402	5th

View CiteScore trends >

Add CiteScore to your site 🔗

About Scopus What is Scopus Content coverage Scopus blog Scopus API Privacy matters **Language** 日本語に切り替える 切換到简体中文 切換到繁體中文 Русский язык

Customer Service

Help Contact us

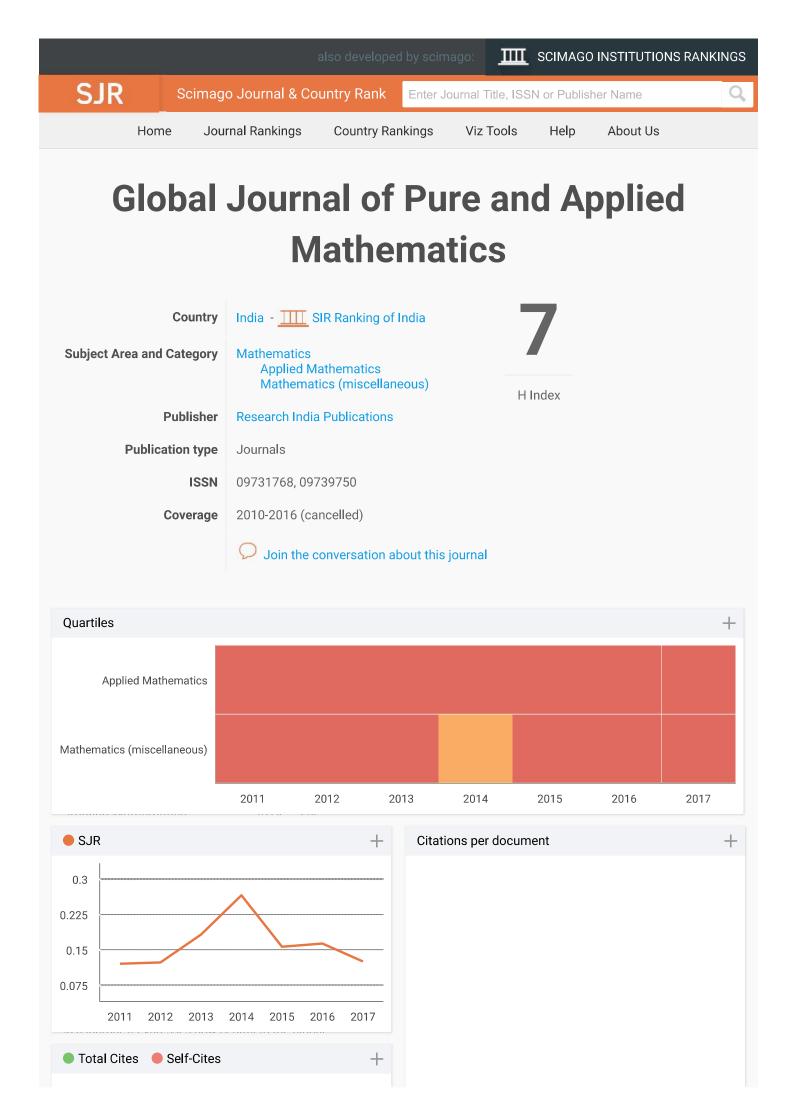
ELSEVIER

Terms and conditions \neg Privacy policy \neg

Copyright © Elsevier B.V ». All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

We use cookies to help provide and enhance our service and tailor content. By continuing, you agree to the use of cookies.

RELX







Ifeanyi Onah 5 months ago

Cool

k reply

Leave a comment	
Name	
Email (will not be published)	
l'm not a robot	
	reCAPTCHA Privacy - Terms
Submit	

The users of Scimago Journal & Country Rank have the possibility to dialogue through comments linked to a specific journal. The purpose is to have a forum in which general doubts about the processes of publication in the journal, experiences and other issues derived from the publication of papers are resolved. For topics on particular articles, maintain the dialogue through the usual channels with your editor.



GLOBAL JOURNAL of PURE and APPLIED MATHEMATICS







Global Journal of Pure and Applied Mathematics (GJPAM)

Print ISSN : 0973-1768 Online ISSN: 0973-9750

Editor-in-Chief:

Aims and Scope: The *Global Journal of Pure and Applied Mathematics (GJPAM)* is an international journal of high quality devoted to the publication of original research papers from pure and applied mathematics with some emphasis on all areas and subareas of mathematical analysis and their broad range of applications. Areas and subareas of interest include (but are not limited to) approximation theory; statistics; probability; fluid mechanics; Fuzzy mathematics; transport theory; mathematical biology, including population dynamics; wave propagation; special functions; algebra and applications; combinatorics; coding theory; fractional analysis; solid mechanics; variational methods; financial mathematics; asymptotic methods; graph theory; fractals; moment theory; scattering theory; number theory and applications; geometry of Banach spaces; topology and applications; complex analysis; stochastic process; bifurcation theory; differential equations; difference equations; dynamical systems; functional differential equations; numerical analysis; partial differential equations; integral equations; operator theory; Fourier analysis; matrix theory; semigroups of operators; mathematical physics; convex analysis; applied harmonic analysis; optimization; wavelets; signal theory; ultrametric analysis; optimal control; fixed-point theory and applications; reaction-diffusion problems, discrete mathematics; automata theory and more...

Submission: Authors are requested to submit their papers electronically to <u>submit@ripublication.com</u> with mention journal title (**GJPAM**) in subject line.

Indexing and Abstracting: The **GJPAM** is abstracted and indexed in SCOPUS(2010-2016), the Mathematical Reviews, MathSciNet, Zentralblatt MATH and EBSCO Databases, **ICI**, **Index Copernicus**,

Frequency: Six issues per year.

Annual Subscription Price: Library/ Institutional: Print : US\$780.00 Online Only: US\$760.00 Print + Online : US\$820.00 Individual/ Personnel: Print US\$390.00 Inside India: Rs.3000.00

- **H** Editorial Board
- **Publication Ethics and Publication Malpractice Statement**
- **Instruction for Authors**
- **H** <u>Special Issue</u>
- **I** <u>Vol.2 No.1-2</u> <u>No.3</u> (2006)
- **I** <u>Vol.3 No.1 No.2 No.3</u> (2007)

- **Vol.4** No.1 No.2 No.3 (2008)
- **I** <u>Vol.5 No.1 No.2 No.3</u> (2009)
- **H** <u>Vol.6 No.1 No.2 No.3</u> (2010)
- **I** <u>Vol.7 No.1 No.2 No.3</u> (2011)
- **Vol.8** No.1 No.2 No.3 No.4 No.5 (2012)
- **Vol.9** No.1 No.2 No.3 No.4 No.5 No.6 (2013)
- **Vol.10 No.1 No.2 No.3 No.4 No.5 No.6** (2014)
- **Vol.11 No.1 No.2 No.3 No.4 No.5 No.6** (2015)
- **Vol.12 No.1** No.2 No.3 No.4 No.5 No.6 (2016)
- ➡ Vol.13 No.1 No.2 No.3 No.4 No.5 No.6 No.7 No.8 No.9 No.10 No.11 No.12(2017)
- ➡ Vol.14 No.1 No.2 No.3 No.4 No.5 No.6 No.7 No.8 No.9 No.10 No.11 No.12 (2018)
- **Vol.15 No.1** No.2 No.3 No.4 No.5 No.6 (2019)
- **±** <u>Subscription</u>
- **<u>Call for Papers</u>**
- **I** <u>Other Journals</u>

© All rights are reserved with Research India Publications

Home Journals Contact

Research India Publications

Global Journal of Pure And Applied Mathematics (GJPAM)

Associate Editors :

Sunil Mathur, Department of Biostatistics and Epidemiology, Medical College of Georgia, Augusta University, 1120 15th Street, AE 1040, Augusta, GA 30912-4900 **USA**

M. Bohner, University of Missouri at Rolla, Department of Mathematics, 106 Rolla Building, Rolla, MO 65409-0020, **USA**

Editorial Board Members :

Dr Azizur Rahman, Senior Lecturer, School Of Computing And Mathematics, Charles Sturt University, Boorooma Street, Wagga Wagga, Australia.

Area of Interest : Theoretical And Applied Statistics, Small Area Estimation, Bayesian Statistical Modelling, Microsimulation Modelling, Biostatistics, Public Health, Applied Economics And Data Science.

Dr. Li MA, Lecturer, School of Mathematics, Hefei University of Technology, FeiCui Road 420, Hefei, Anhui, China.

Area of Interest : Reductions of fractional-order systems; Hadamard fractional calculus; Dynamics of fractional-order systems

Dr. Raed Ali Alkhasawneh, Assistant Professor, Department Of Statistics, Faculty of applied studies and community service at University of Dammam, Saudi Arabia. **Area of Interest :** Applied mathematics, Numerical Analysis

Dr. Juan Manuel Peña, Professor of Applied Mathematics, Departamento de Matematica Aplicada, Edificio de Matemáticas, Universidad de Zaragoza, Pedro Cebruna, 12, 50009 Zaragoza, Spain.

Area of Interest : approximation theory, computer aided geometric design, numerical analysis, matrix theory

Dr. Ömer Küsmüş, Journal of Generalized Lie Theory and Applied, Van Yuzuncu Yil University / Turkey, Department of Math., Faculty of Science, Van Yuzuncu Yil University, Zeve Campus, 65080, Van, Turkey.

Area of Interest : Commutative Rings, Group Rings, Group Algebras, Module Theory, Lie Theory

_

Rosalio G. Artes, Jr, Department of Mathematics and Sciences, College of Arts and Sciences, Mindanao State University, Tawi-Tawi College of Technology and Oceanography, Sanga-Sanga, 7500 Bongao, Tawi-Tawi, *Philippines*

Area of Interest: Approximation Theory, Fourier Analysis, Mathematical Biology, Crystallography.

G.M. N'Guerekata, Professor and Chair, Department of Mathematics , Morgan State University, 1700 E. Cold Spring Lane, Room CR 251, Baltimore, MD 21251 – USA Areas of Interest: Abstract Differential Equations; Almost Automorphic and Almost Periodic

Functions.

R. P. Agarwal, Prof. & Chair, Texas A & M University - Kingville, 700 University Blvd. MSC 172, Kingsville, Texas, **USA**

Areas of Interest: Differential Equations; Difference Equations; Fixed-Point Theorems; Inequalities; and Numerical Analysis.

N.U. Ahmed, SITE, 161 Louis Pasteur, University of Ottawa, Ontario, K1N6N5, *Canada* Area of Interest: Nonlinear Analysis; Stochastic Control; Differential Inclusions; and Nonlinear Filtering.

G. A. Anastassiou, Department of Mathematical Sciences, The University of Memphis, Memphis, TN 38152, **USA**

Areas of Interest: Approximation Theory; Inequalities; Moment Theory; Wavelet; and Fuzzy Mathematics.

D. Bugajewska, Faculty of Mathematics and Computer Science, Adam Mickiewicz University, Umultowska 87, 61-614 Poznañ, *Poland*

Areas of Interest: Ordinary Differential Equations; and Integral Equations.

E. Camouzis, Department of Mathematics, The American College of Greece, Deree College Gravias 6 Str., Aghia Paraskevi, Athens, *Greece*

Areas of Interest: Global Analysis of Nonlinear Difference Equations of Higher Order and its Applications; Dynamical Systems and its Applications.

C. Cesarano, Università Campus Bio-Medico di Roma, Facoltà di Ingegneria, Via Emilio Longoni,83 00155 Roma, *Italy*

Areas of Interest: Special Functions; Orthogonal Polynomials and Related Applications to Differential Equations.

S. S. Cheng, Department of Mathematics, National Tsing Hua University, Hsinchu, *Taiwan* Areas of Interest: Ordinary and Partial Difference Equations; Ordinary Differential Equations; Functional and Functional Differential Equations.

A. Dermoune, UMR-CNRS 8524, Laboratoire Paul Painleve, Universite des Sciences et Technologies de Lille, 59655-Villeneuve d'Ascq Cedex, *France* Areas of Interest: Applications of Probability and Statistics; Macro-Economics; Micro-Economics; and Partial Differential Equations.

S. S. Dragomir, Chair in Mathematical Inequalities, School of Computer Science & Mathematics, Victoria University, PO Box 14428, Melbourne City, MC 8001, *Australia* Areas of Interest: Classical Mathematical Analysis; Theory of Inequalities; Convex Functions; Best Approximation.

P. Eloe, Department of Mathematics, University of Dayton, Dayton, OH 45469-2316 **USA** Area of Interest: Boundary Value Problems; Functional Differential Equations; and Computation.

A. Fiorenza, Universita' di Napoli "Federico II", Dipartimento di Architettura, via Monteoliveto, 3 80134 - NAPOLI (NA), *Italy*

Area of Interest: Variable Lebesgue Spaces; variable Sobolev spaces; Grand Lebesgue spaces; Small Lebesgue spaces.

D. Girela, Departamento de An\'alisis Matem\'atico, Facultad de Ciencias, Universidad de M\'alaga, 29071 M\'alaga, *Spain*

Areas of Interest: Complex Analysis and Operator Theory.

J. R. Graef, Department of Mathematics, University of Tennessee at Chattanooga, Chattanooga, TN 37403 USA

Area of Interest: Differential Equations, Difference Equations, Dynamical Systems, Biological Modeling.

S. Hamadene, Université du Maine, Département de Mathématiques, Laboratoire de Statistique et Processus, 72085 Le Mans Cedex 9, *France*

Areas of Interests: Stochastic Optimal Control and Stochastic Differential Games; Backward and Backward-Forward Stochastic Differential Equations.

O. Hili, National Polytechnic Institute of Yamoussoukro, BP 1911, Yamoussoukro, *Ivory Coast* Areas of Interest: Statistics.

H. Th. Jongen, Department of Mathematics – C, RWTH Aachen University, D-52056 Aachen, *Germany*

Areas of Interest: Nonconvex Optimization; Parametric Optimization; Global Optimization; Semi-Infinite Optimization.

Il B. Jung, Department of Mathematics, College of Natural Sciences, Kyungpook National University, Daegu, 702-701 **South Korea**

Areas of Interest: Operator Theory and Moment Theory.

A. Kamal, Department of Mathematics & Statistics, S.Q. University, P.O. Box 36, Al Khoudh 123 *Oman*

Area of Interest: Abstract approximation Theory.

T. Kwembe, Department of Mathematics and Statistical Sciences, Jackson State University, Jackson, Mississippi 39217, **USA**

Areas of Interest: Differential Equations, Partial Differential Equations and Applications, Mathematical Biology.

T. Kusano, Department of Applied mathematics, Faculty of Science, Fukuoka University, 8-19-1 Nanakuma, Jonan-ku, Fukuoka, 814-0180 **Japan** Areas of Interest: Qualitative Theory of Differential Equations.

D.R. Larson, Department of Mathematics, Texas A&M University, College Station, Texas 77843-3368, **USA**

Research Interests: Functional Analysis; Applied Harmonic Analysis.

E.-B. Lin, Department of Mathematics, University of Toledo, Toledo, OH 43606 **USA** Areas of Interest: Wavelet Theory; Mathematical Physics; and Complex Geometry.

M.F. Mahmood, Department of Mathematics, Howard University, 2441 6th Street, N.W., Washington, D.C. 20059, **USA**

Areas of Interest: Nonlinear partial differential equations; nonlinear waves in optics, plasmas and fluids; solitons; systems and signals.

T.M. Mills, Department of Mathematics, La Trobe University, PO Box 199, Bendigo 3552, Australia

Areas of Interest: Approximation Theory; History of Mathematics; Inequalities; Probability and Stochastic Process.

H. Ouerdiane, Department of Mathematics. Faculty of Sciences of Tunis. Campus universitaire. 1060 Tunis. *Tunisia*

Areas of Interest: Infinite dimensional Analysis, White Noise analysis, Stochastic Analysis, Stochastic differential equations.

Y. Ouknine, Département de Mathématiques, Faculté des Sciences Semlalia, Université Cadi Ayyad, B.P. 2390, Marrakech, 40000 *Morocco* Areas of Interest: Probability; and Stochastic Analysis.

J. M. Rassias, Professor of Mathematics, National and Capodistrian University of Athens, Greece

Areas of Interest: Linear and Nonlinear Mathematical Analysis with Applications.

S. Reich, Department of Mathematics, Technion - Israel Institute of Technology, Haifa 32000, Israel

Areas of Interest: Nonlinear Operator Theory; Nonlinear Evolution Equations; and Infinite Dimensional Holomorphy.

Mohammad Z. Abu-Sbeih, Department of Mathematics and Statistics, King Fahd University of Petroleum and Minerals, Dhahran 31261, *Saudi Arabia*

N. C. Sacheti, Department of Mathematics & Statistics, College of Science, Sultan Qaboos University, Muscat, *Oman*

Areas of Interest: Fluid Mechanics - Non-Newtonian Flows; Hydromagnetic Flows; and Flow through Porous Media.

M. Sifi, Department of Mathematics, Faculty of Sciences of Tunis, Campus Universitaire, 2092 Manar II, Tunis, **Tunisia**

Areas of Interest: Fourier analysis in one and Several Variables; Non-Trignometric Fourier Analysis; Integral Transforms; and Integral Equations.

H. M. Srivastava, Professor Emeritus, Department of Mathematics and Statistics, University of Victoria, Victoria, British Columbia V8W 3R4, **Canada** Areas of Interest: Real and Complex Analysis, Fractional Calculus and Its Applications, Integral Equations and Transforms.

A. Soufyane, Department of Mathematics and Computer Science, United Arab Emirates University, P. O. Box 17551, Al-Ain, *United Arab Emirates* Areas of Interest: Control Theory, Stability of Systems, Numerical Methods of PDE's.

F. Wagemann, Universite de Nantes, Faculte des Sciences et des Techniques, 2, rue de la Houssiniere, 44322 Nantes cedex 3, *France* Areas of Interest: Mathematical Physics.

H.K. Xu, School of Mathematical Sciences, Unversity of KwaZulu-Natal, Private Bag X54001, Durban 4000, *South Africa*

Areas of Interest: Nonlinear functional analysis; Geometry of Banach spaces; and Mathematical finance.

A. A. Yakubu, Department of Mathematics, Howard University, 2441 6th Street, N.W., Washington, D.C. 20059, **USA**

Areas of Interest: Differential Equations; Difference Equations; Dynamical Systems; and Mathematical Biology.

Mostafa Eslami, Assistant Professor Department of Mathematics University of Mazandaran Babolsar, Iran

Florance Matarise, Department of Statistics, Uiversity of Zimbabwe, PO Box MP167. Mount Pleasant, Harare, *Zimbabwe.*

Areas of Interest: Statistics (Time Series Analysis).

Mohammad Mirzazadeh, Department of Mathematical Sciences, Faculty of Sciences, University of Guilan, Rasht, *Iran*

Cristina Flaut, Faculty of Mathematics and Computer Science, Ovidius University, Constanta, *Romania*

Rejeb Hadiji, Mathematics Department, UPEC, Univercity Paris Est Creteil, UFR Sciences, 61 Avenue du Generale De Gaulle, Creteil, cedex, *France* Area of Interest: Nonlinear PDE - Micromagnetics- Ginzburg-Landau problems and problem with Sobolev exopnent.

Ratnasingham Shivaji, Dept of Mathematics and Statistics, University of North Carolina at Greensboro, Greensboro, NC 27412, **USA** Area of Research: Nonlinear Elliptic Boundary Value Problems.

Jyotindra Prajapati, Mathematical Sciences Department, Faculty of Applied Sciences, Charotar University of Science and Technology, Changa, Anand, Gujarat, *India* Area of Interest: Special functions, Integral Transforms, Fractional calculus

O'Regan, Donal, Department of Mathematics, National University of Ireland at Galway, University Road, Galway, *Ireland* Areas of Interest: Nonlinear Analysis.

© All rights are reserved with Research India Publications <u>Contact</u> **Home Journals**

Global Journal of Pure and Applied Mathematics (GJPAM)

Volume 12 Number 2 (2016)

Contents

Primes in Geometric-Arithmetic Progression pp. 1161–1180 Sameen Ahmed Khan

On Regularity of SolutionK to Diffusion Approximation of GI/G/1 Queueing System pp. 1181-1199 Hirotada Honda

<u>Constructing Volatility Model of Portfolio Return by using GARCH</u> pp.1201-1210 Tarno, Hasbi Yasin and Budi Warsito

Intuitionistic fuzzification functions pp. 1211-1227 C. Radhika and R. Parvathi

New Phase-Fitted and Amplification-Fitted Modified Runge-Kutta Method for Solving Oscillatory Problems pp. 1229-1242 Firas A. Fawzi, N. Senu, F. Ismail and Zanariah Abd. Majid

<u>Prediction of generalized order statistics from two independent sequences</u> pp. 1243–1255 M. S. Kotb

Direct numerical method for solving a class of fourth-order partial differential equation pp. 1257-1272 Kasim Abbas Hussain, Fudziah Ismail and Norazak Senu

<u>Neural Network Based Solar-Wind Energy Using Buck Boost-Sepic Converter</u> pp. 1273-1281 Priyanga Ramesh and J.Femila Roseline

Numerical solution of one dimensional contaminant transport equation with variable coefficient (temporal) by using Haar wavelet pp. 1283-1292 A. C. Patel and V. H. Pradhan

A QUERY BASED FRIEND RECOMMENDATION SYSTEM WITH DE-TROP MESSAGE DETECTION pp. 1293-1298 Sindhu Veeramani and Lydia Jeba

Parameter Estimation of SIR Epidemic Model Using MCMC Methods pp. 1299-1306 A. S. Talawar and U. R. Aundhakar

<u>Fuzzy fixed point of multivalued Ciric type fuzzy contraction mappings in b-</u> <u>metric spaces</u> pp. 1307-1316 Anju Panwar and Anita Multivariate fermionic p-adic integral on Zp associated with Frobenius-Euler polynomials and numbers pp. 1307-1316 Anju Panwar and Anita

On the generalized non-commutative sphere and their K-theory pp. 1325-1335 Saleh Omran

<u>Mathematical analysis for unsteady dispersion of solutes in blood stream-A</u> <u>comparative study</u> pp. 1337-1374 D. S. Sankar, Nurul Aini Jaafar and Yazariah Yatim

Bounds for the second Hankel determinant of certain univalent functions pp. 1375-1385 Liew, P. H., Fuah and K. H., Janteng, A

Optimization of Multi-objective Transportation Problem Using Evolutionary Algorithms pp. 1387-1396 K. Bharathi and C. Vijayalakshmi

Analysis on Various Search Algorithms pp. 1397-1402

L. Sharmila and U. Sakthi

An Investigation on Some theorems on K-Path Vertex Cover pp. 1403-1412 P. Durga Bhavani, K. Vijay Kumar and S. Satyanarayana

Optimized Reinforcement Learning Based Adaptive Network Routing for MANETs pp. 1413-1432 Rahul Desai, B P Patil

<u>Complex Fuzzy Group Based on Complex Fuzzy Space</u> pp. 1433-1450 Abdallah Al-Husban and Abdul Razak Salleh

Marcinkiewicz integrals on product spaces and extrapolation pp.1451-1463 Mohammed Ali and Ebtehaj Janaedeh

A New Algorithm for Developing Block Methods for Solving Fourth Order Ordinary Differential Equations pp. 1465-1471 Oluwaseun Adeyeye and Zurni Omar

Sequences of numbers obtained by digit and iterative digit sums of Sophie Germain primes and its variants pp. 1473-1480 Sheila A. Bishop, Hilary I. Okagbue, Muminu O. Adamu and Funminiyi A. Olajide

Patterns obtained from digit and iterative digit sums of Palindromic, Repdigit and Repunit numbers, its variants and subsets pp. 1481-1490 Sheila A. Bishop, Hilary I. Okagbue, Muminu O. Adamu, Abiodun A. Opanuga

Data Security Based On Big Data Storage pp. 1491-1500 S. Ananthi and Anjali Periwal and Prince Mary. S

Undergraduate Students' Attitude towards Mathematics after Peer Teaching

Experience pp. 1501-1517 Ra'ed Abdelkarim, Reem Abuiyada and Sabir Ali Siddiui

Two Step Hybrid Block Method with Two Generalized Off-step Points for Solving Second Ordinary Order Differential Equations Directly pp. 1519-1535 Raed, Abdalrheem and Mohammad, Aldalal'ah

Inverse Secure Domination in the Join and Corona of Graphs pp. 1537-1545 Enrico L. Enriquez and Edward M. Kiunisala

<u>Performance of non-parametric classifiers on highly skewed data</u> pp. 1547–1565 Fatima Siddiqui and Qazi M. Ali

<u>Modified degenerate tangent numbers and polynomials</u> pp. 1567-1574 Cheon Seoung Ryoo

<u>Watermarking for Video using single channel block based schur decomposition</u> pp. 1575-1585 Chhaya S. Gosavi and S. N. Mali

Modified Variational Iteration Method for Solving Fourth Order Parabolic PDEs With Variable Coefficients pp. 1587-1592 Alla M. Elsheikh and Tarig M. Elzaki.

<u>A study on the Choquet integral with respect to a capacity and its applications</u> pp. 1593–1599 Jacob Wood and Lee-Chae Jang

Weyl and Weyl type theorems for m-quasi-n-class A(k) and algebraically mquasi-n-class A(k) operators pp. 1601–1612 D. Senthilkumar and S. Shylaja

Nonexistence of global solutions for a fractional problems with a nonlinearity of the Fisher type pp. 1613–1627 Brahim Tellab and Kamel Haouam

<u>Application of Contraction Mapping in Menger Spaces</u> pp. 1629-1634 Piyush Kumar Tripathi, Suyash Narayan Mishra and Manisha Gupta

Implementing an Order Six Implicit Block Multistep Method for Third Order ODEs Using Variable Step Size Approach pp. 1635-1646 Jimevwo G. Oghonyon, Nicholas A. Omoregbe and Sheila A. Bishop

A Novel Hierarchical Scheduling Method for Managing Parallel Workloads in Cloud pp. 1647-1662 R. Valarmathi and T. Sheela

<u>Regular cubeco graphs</u>

pp. 1663-1669 Omar Alomari and Mohammad Abudayah and Hasan Al-Ezeh

The intrinsic structure of FFT and a synopsis of SFT pp. 1671-1676 Hwajoon Kim On multiple twisted λ-Daehee polynomials pp. 1677-1684 Hyuck In Kwon, Taekyun Kim and Jong Jin Seo

An identical period-doubling route to chaos in a family of 3-D sinusoid discrete maps pp. 1685–1689 M. Mammeri

<u>Concomitants of Order Statistics of a New Bivariate Finite Range Distribution</u> (NBFRD)

pp. 1691-1697 Sabir Ali Siddiqui, Syed Nasser Andrabi and Sanjay Jain, Masood Alam and Raed Abdelkarim

The Total Restrained Monophonic Number of a Graph pp. 1699-1708 A.P. Santhakumaran, T. Venkata Raghu, P. Titus and K. Ganesamoorthy

<u>Time dependent slip flow of a micropolar fluid between two parallel plates</u> <u>through state space approach</u> pp. 1709–1722 S.A. Slayi, H.F. Idriss and E.A. Ashmawy

<u>Convergence results of implicit iterative scheme for two asymptotically quasi-</u> <u>I-nonexpansive mappings in Banach spaces</u> pp. 1723–1742 Vinod Kumar Sahu and H. K. Pathak

Scheduling of tollbooth collectors in a Jakarta toll road section pp. 1743–1751 Farida Hanum, Putri Putu Pratami and Toni Bakhtiar

Kannan - Type Fixed Point Theorem for Four Maps in Cone Pentagonal Metric Spaces1753 pp. 1753–1765 Abba Auwalu and Evren Hınçal

Design of reinforced concrete beams in a case of a change of cross section of composite strengthening reinforcement pp. 1767-1786 P. P. Polskoy, D. R. Mailyan, D. A. Dedukh and S. V. Georgiev

Structure and mechanisms of developing mathematical abilities of schoolchildren pp. 1787-1799 Maret Balaudinovna Visitaeva and Achmed Magomedovich Gachaev

Grassmannian Codes as Lifts of Matrix Codes Derived as Images of Linear Block Codes over Finite Fields pp. 1801–1820 Bryan S. Hernandez and Virgilio P. Sison

<u>Model Selection Approaches of Water Quality Index Data</u> pp. 1821-1829 Nur Azulia Kamarudin and Suzilah Ismail

<u>Limit Cycles of a Class of Generalized Liénard Polynomial Equations</u> pp. 1831-1843 Hamamda Meriem and Makhlouf Amar

Inverse Closed Domination in Graphs pp. 1845-1851 Edward M. Kiunisala New System of a Parametric General Regularized Nonconvex Variational Inequalities in Banach Spaces pp. 1853-1871 Jong Kyu Kim, Salahuddin and Jae Yull Sim

<u>A study of a class of a dynamic system of Fitzhugh-Nagumo type</u> pp. 1873-1883 Amine Sakri and Azzedine Benchettah

<u>On determinants of tridiagonal matrices with (-1, 1)-diagonal or</u> <u>superdiagonal in relation to Fibonacci numbers</u> pp. 1885-1892 Pavel Trojovský

Revisit nonlinear differential equations associated with Bernoulli numbers of <u>the second kind</u> pp. 1893-1901 Taekyun Kim, Dae San Kim, Hyuck In Kwon and Jong Jin Seo

[<u>UP</u>] © All rights are reserved with Research India Publications Journals Contact

<u>Home</u>