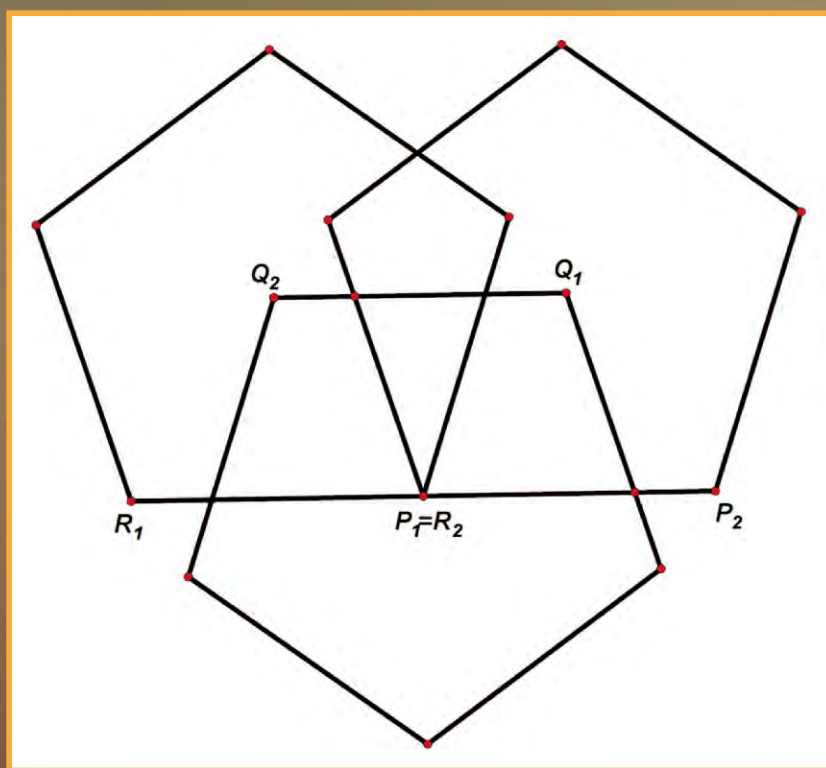


# Applied Mathematics

Special Issue on Advances in Geometry



ISSN: 2152-7385



977215273850411D

# Journal Editorial Board

ISSN Print: 2152-7385

ISSN Online: 2152-7393

<http://www.scirp.org/journal/am>

---

## Editor-in-Chief

**Prof. Chris Cannings**

University of Sheffield, UK

## Editorial Board

**Prof. Tamer Başar**

University of Illinois at Urbana-Champaign, USA

**Prof. Leva A. Beklaryan**

Russian Academy of Sciences, Russia

**Dr. Aziz Belmiloudi**

Institut National des Sciences Appliquees de Rennes, France

**Dr. Anjan Biswas**

Delaware State University, USA

**Prof. Mark Broom**

City University, UK

**Prof. Amares Chattopadhyay**

Indian School of Mines, India

**Dr. Badong Chen**

Tsinghua University, China

**Prof. Ljubomir Ciric**

University of Belgrade, Serbia

**Prof. Jose Alberto Cuminato**

University of Sao Paulo, Spain

**Prof. Konstantin Dyakonov**

University of Barcelona, Spain

**Dr. David Greenhalgh**

University of Strathclyde, UK

**Prof. Zhiqing Han**

Dalian University of Technology, China

**Prof. Anwar H. Joarder**

King Fahd University of Petroleum and Minerals, Saudi Arabia

**Prof. Palle Jorgensen**

University of Iowa, USA

**Dr. Vladimir A. Kuznetsov**

Bioinformatics Institute, Singapore

**Prof. Kil Hyun Kwon**

Korea Advanced Institute of Science and Technology, South Korea

**Prof. Hong-Jian Lai**

West Virginia University, USA

**Dr. Goran Lesaja**

Georgia Southern University, USA

**Prof. Tao Luo**

Georgetown University, USA

**Prof. Addolorata Marasco**

University of Naples Federico II, Italy

**Prof. Agassi Melikov**

National Aviation Academy, Azerbaijan

**Prof. María A. Navascués**

University of Zaragoza, Spain

**Dr. Donatus C. D. Oguamanam**

Ryerson University, Canada

**Prof. Alexander S. Rabinowitch**

Moscow State University, Russia

**Prof. Yuriy V. Rogovchenko**

University of Agder, Norway

**Dr. Epaminondas Sidiropoulos**

Aristotle University of Thessaloniki, Greece

**Prof. Sergei Silvestrov**

Mälardalen University, Sweden

**Prof. Hari M. Srivastava**

University of Victoria, Canada

**Prof. Jacob Sturm**

Rutgers University, USA

**Dr. Zheng Su**

Genentech, Inc., USA

**Prof. Mikhail Sumin**

Nizhnii Novgorod State University, Russia

**Dr. Chengbo Wang**

Zhejiang University, China

## TABLE OF CONTENTS

**Volume 4    Number 11D**

**November 2013**

**The Arithmetic Mean Standard Deviation Distribution: A Geometrical Framework**

R. Caimmi.....1

**On a Discrete Version of the Mohr-Mascheroni Theorem**

M. Munteanu, L. Munteanu.....11

**Point Correspondences between  $N + 1$  Hypersurfaces of Projective Spaces and  $(N + 1)$ -Webs**

V. S. Bolodurin.....14

---

The figure on the front cover is from the article published in *Applied Mathematics*, 2013, Vol. 4, No. 11D, pp. 11-13 by Marius Munteanu and Laura Munteanu.

# **Applied Mathematics (AM)**

## **Journal Information**

### **SUBSCRIPTIONS**

The *Applied Mathematics* (Online at Scientific Research Publishing, [www.SciRP.org](http://www.SciRP.org)) is published monthly by Scientific Research Publishing, Inc., USA.

#### **Subscription rates:**

Print: \$79 per copy.

To subscribe, please contact Journals Subscriptions Department, E-mail: [sub@scirp.org](mailto:sub@scirp.org)

### **SERVICES**

#### **Advertisements**

Advertisement Sales Department, E-mail: [service@scirp.org](mailto:service@scirp.org)

#### **Reprints (minimum quantity 100 copies)**

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: [sub@scirp.org](mailto:sub@scirp.org)

### **COPYRIGHT**

Copyright©2013 Scientific Research Publishing, Inc.

All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as described below, without the permission in writing of the Publisher.

Copying of articles is not permitted except for personal and internal use, to the extent permitted by national copyright law, or under the terms of a license issued by the national Reproduction Rights Organization.

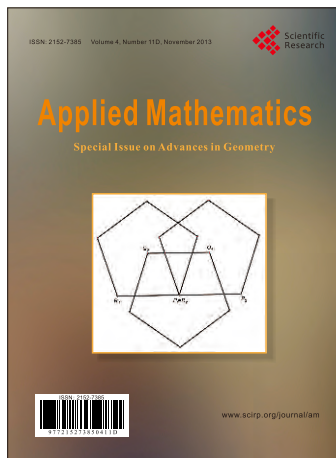
Requests for permission for other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale, and other enquiries should be addressed to the Publisher.

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

### **PRODUCTION INFORMATION**

For manuscripts that have been accepted for publication, please contact:

E-mail: [am@scirp.org](mailto:am@scirp.org)



**Call for Papers**

# Applied Mathematics (AM)

ISSN Print: 2152-7385    ISSN Online: 2152-7393

<http://www.scirp.org/journal/am>

**Applied Mathematics (AM)** is an international journal dedicated to the latest advancement of applied mathematics. The goal of this journal is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in different areas of applied mathematics.

## Subject Coverage

All manuscripts must be prepared in English, and are subject to a rigorous and fair peer-review process. Accepted papers will immediately appear online followed by printed hard copy. The journal publishes original papers including but not limited to the following fields:

- |                                                  |                            |                                   |
|--------------------------------------------------|----------------------------|-----------------------------------|
| ● Applied Probability                            | ● Evolutionary Computation | ● Matrix Computations             |
| ● Applied Statistics                             | ● Financial Mathematics    | ● Neural Networks                 |
| ● Approximation Theory                           | ● Fuzzy Logic              | ● Nonlinear Processes in Physics  |
| ● Chaos Theory                                   | ● Game Theory              | ● Numerical Analysis              |
| ● Combinatorics                                  | ● Graph Theory             | ● Operations Research             |
| ● Complexity Theory                              | ● Information Theory       | ● Optimal Control                 |
| ● Computability Theory                           | ● Inverse Problems         | ● Optimization                    |
| ● Computational Methods in Mechanics and Physics | ● Linear Programming       | ● Ordinary Differential Equations |
| ● Continuum Mechanics                            | ● Mathematical Biology     | ● Partial Differential Equations  |
| ● Control Theory                                 | ● Mathematical Chemistry   | ● Probability Theory              |
| ● Cryptography                                   | ● Mathematical Economics   | ● Statistical Finance             |
| ● Discrete Geometry                              | ● Mathematical Physics     | ● Stochastic Processes            |
| ● Dynamical Systems                              | ● Mathematical Psychology  | ● Theoretical Statistics          |
| ● Elastodynamics                                 | ● Mathematical Sociology   |                                   |

We are also interested in: 1) Short Reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book Reviews—Comments and critiques.

## Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

## Website and E-mail

<http://www.scirp.org/journal/am>

E-mail: [am@scirp.org](mailto:am@scirp.org)