

# Curriculum Vitae

Professor Sever S. Dragomir  
School of Engineering & Science  
Victoria University, Melbourne, Australia

August, 2009



# Contents

<b>1</b>	<b>Personal Details</b>	<b>1</b>
1.1	General . . . . .	1
1.2	Education . . . . .	2
1.3	Appointments . . . . .	2
1.4	Visiting Positions . . . . .	3
1.5	Awards . . . . .	3
1.6	Professional Affiliations . . . . .	4
1.7	Research Interests . . . . .	4
<b>2</b>	<b>Professional Activities</b>	<b>5</b>
2.1	Administration and Leadership . . . . .	5
2.1.1	RGMIA . . . . .	5
2.1.2	JIPAM . . . . .	6
2.1.3	RGMIA and JIPAM in Mass Media . . . . .	6
2.2	Editorial Memberships . . . . .	8
2.3	Talks and Presentations . . . . .	11
2.4	Congress and workshop organisation . . . . .	17
2.5	Refereeing . . . . .	18
<b>3</b>	<b>Research and Scholarship</b>	<b>19</b>
3.1	Research Support and funding . . . . .	19
3.1.1	Research Support . . . . .	19
3.1.2	Research Quantum . . . . .	21
3.2	Research Co-operation . . . . .	22
3.2.1	Research Co-operation with other Groups within the FoHES . . . . .	22
3.2.2	Research Co-operation with National & International Groups . . . . .	22
<b>4</b>	<b>Teaching</b>	<b>25</b>
4.1	Philosophy . . . . .	25
4.2	Courses Taught . . . . .	25
4.3	Research students . . . . .	27
4.4	Current and Future Teaching . . . . .	28

<b>5</b>	<b>Publications</b>	<b>29</b>
5.1	Introduction . . . . .	29
5.2	Authored Books . . . . .	31
5.3	Edited Books . . . . .	32
5.4	Book Chapters . . . . .	33
5.4.1	2008 . . . . .	33
5.4.2	2007 . . . . .	33
5.4.3	2004 . . . . .	34
5.4.4	2003 . . . . .	35
5.4.5	2002 . . . . .	36
5.4.6	2001 . . . . .	37
5.4.7	2000 . . . . .	39
5.5	Papers in Scholarly Journals . . . . .	39
5.5.1	2009 . . . . .	39
5.5.2	2008 . . . . .	40
5.5.3	2007 . . . . .	42
5.5.4	2006 . . . . .	44
5.5.5	2005 . . . . .	47
5.5.6	2004 . . . . .	50
5.5.7	2003 . . . . .	53
5.5.8	2002 . . . . .	56
5.5.9	2001 . . . . .	60
5.5.10	2000 . . . . .	64
5.5.11	1999 . . . . .	68
5.5.12	1998 . . . . .	71
5.5.13	1997 . . . . .	73
5.5.14	1996 . . . . .	74
5.5.15	1995 . . . . .	75
5.5.16	1994 . . . . .	76
5.5.17	1993 . . . . .	77
5.5.18	1992 . . . . .	78
5.5.19	1991 . . . . .	80
5.5.20	1990 . . . . .	81
5.5.21	1989 . . . . .	83
5.5.22	1988 . . . . .	84
5.5.23	1987 . . . . .	85
5.5.24	1986 . . . . .	85
5.6	Papers in Conference Proceedings . . . . .	86
5.7	Science citation index information . . . . .	88

# Chapter 1

## Personal Details

### 1.1 General

**Surname:** Dragomir

**Given name:** Sever Silvestru

**Correspondence Address:**

School of Engineering and Science,  
Victoria University,  
PO Box 14428, Melbourne City  
VIC 8001, Australia

**Citizenship:** Australian

**Email Addresses:**

sever.dragomir@vu.edu.au

**URL:** <http://www.staff.vu.edu.au/RGMIA/dragomir/>

**Telephone:** +61 3 9919-4437

**Facsimile:** +61 3 9919-4050

## 1.2 Education

Degree (Year)	Institution	Other
Doctor in Mathematics (1995)	Faculty of Mathematics, West University of Timișoara Romania	Doctoral Dissertation <i>New Characterizations of Best Approximants in Normed Linear Spaces and Applications</i>
Tenure in Education (1987)	Faculty of Mathematics, West University of Timișoara Romania	
Master in Mathematics (1984)	Faculty of Mathematics, West University of Timișoara Romania	Graduate Thesis <i>New Contributions in Theory of Inequalities.</i>

## 1.3 Appointments

- **September 1998 – present**  
*Professor and Chair in Theory of Inequalities*  
School of Computer Science and Mathematics,  
Victoria University, Melbourne, Australia
- **May 1997 – August 1998**  
*Professor and Head of Department*  
Department of Applied Mathematics,  
University of Transkei, South Africa
- **January 1997 – May 1997**  
*Research Fellow*  
Department of Computer and Mathematical Sciences,  
Victoria University, Melbourne, Australia
- **February 1991 – December 1996**  
*Lecturer*  
Faculty of Mathematics,  
West University of Timișoara, Romania
- **June 1990 – January 1991**  
*Director*  
Institute of Education of Caras-Severin County  
Romania
- **September 1984 – May 1990**  
*Teacher*  
High School, Baile Herculane,  
Caras-Severin, Romania

## 1.4 Visiting Positions

Date	Position	Department	Research	Collaborator
6/94-7/94	Visit. Res. Fel.	School of Math., La Trobe Uni.	Theory of Inequalities in Hilbert Spaces	B. Mond
5/95-7/95	Snr. Visit. Fel.	Dept. Appl. Math. Univ. Adelaide.	Inequalities of Jensen and Hadamard type	C.E.M. Pearce
2/96-4/96	Snr. Visit. Fel.	Dept. Appl. Math. Univ. Adelaide.	Inequalities for convex and $q$ -convex functions	C.E.M. Pearce
5/96-6/96	Visit. Res. Fel.	Dept. of Math., West. Austr. Uni.	Info. Th., Brechner Type Convexity, Torsion Theory	C.J. Goh, S. Fitzpatrick, G. Keady
6/96-9/96	Visit. Res. Fel.	Dept. of Math., Melb. Uni.	Best Approximation	J. Koliha
9/96-11/96	Visit. Res. Fel.	Dept. of Math., Curtin Uni.	Numerical Integration	S. Wang
11/96-2/97	Visit. Prof.	Dept. Appl. Math. Univ. Adelaide	Hermite Hadamard Inequalities	C.E.M. Pearce
2/97	Visit. Prof.	Dept. of Math., Gyeongsang Uni., Korea.	Inequalities in 2-normed spaces	Y.J. Cho
6/03-10/03	Visit. Prof.	Dept. of Math., Gyeongsang Uni., Korea.	Geometry of 2-inner product spaces	Y.J. Cho

### Short Visits

- The University of Adelaide (1 week, July 1994)
- La Trobe University, (1 week, July 1995)
- The University of Melbourne, (1 week, August 1995)
- The University of New South Wales, (1 week, August 1995)
- The University of Queensland, (1 week, September 1995)
- La Trobe University, (1 week, March 1996)
- The University of Nice, France (2 weeks, October, 2005)

## 1.5 Awards

- Nominated for the **Vice-Chancellor Award - Excellence in Staff Research, Team Category**, Victoria University, 2001.
- **Vice-Chancellor's Citation for Excellence in Research**, in the category *Research Staff*, Victoria University, 2001.

- **Vice-Chancellor's Peak Award for Excellence in Research and Research Training** (Team), 2007.

## 1.6 Professional Affiliations

- Australian Mathematical Society
- Mathematical Society of Romania
- South African Mathematical Society
- Research Group in Mathematical Inequalities and Applications
- Working Group on Generalized Convexity

## 1.7 Research Interests

### Pure Mathematics

- Classical Mathematical Analysis
- Convex Functions
- Best Approximation
- Numerical Integration
- Geometry of Banach Spaces
- Operator Theory
- Variational Methods
- Volterra Integral Equations
- Qualitative Theory of Differential Equations

### Applied Mathematics

- Information Theory and Coding
- Risk Theory
- Guessing Theory
- Adaptive Quadrature Rules
- Adaptive Cubature Rules
- Numerical Methods for Differential Equations
- Numerical Methods for PDE's
- Game Theory
- Kolmogorov Complexity



## Chapter 2

# Professional Activities

### 2.1 Administration and Leadership

#### 2.1.1 RGMIA

The Research Group in Mathematical Inequalities and Applications (RGMIA) was founded in 1998 by the team that I lead currently working in the School of Engineering and Science. The group has a world-wide membership in excess of 1300. Mathematical Inequalities and Applications is one of the three main research areas of the School of Engineering and Science and work conducted by the key members of the RGMIA forms an integral part of the research effort in the Faculty of Health, Engineering and Science at Victoria University. Research is carried out in mathematical inequalities that have a large potential for application to practical problems. These have impacted the areas of numerical analysis, probability theory and statistics, information theory, coding and guessing, risk theory and the qualitative theory of differential and integral equations, which provide models for a large number of physical and engineer phenomena.

The initiative to provide electronic access to the RGMIA Research Report Collection has proven beneficial. The printed collection is used in exchange for over 70 international journals and the electronic version has provided a forum for stimulating research in mathematical inequalities throughout the world. The electronic peer-reviewed, Journal of Inequalities in Pure and Applied Mathematics (JIPAM), also established at Victoria University, publishes four issues per year. A special issue (Volume 4, Issue 3(GI8)) in 2003 was devoted to publishing the proceedings of an elite international meeting on General Inequalities, and another special issue in 2005 contained the proceedings of the inaugural International Conference on Mathematical Inequalities and their Applications, held in 2004 on campus grounds.

The activities of the group have brought considerable international recognition to Victoria University. The group maintains active research contact with other national & international researchers including researchers from Aus-

tralia, USA, Croatia, Romania, Austria, Canada, Korea, China and others. The RGMIA has hosted a number of international visitors and is seen as the number one group in the domain worldwide. The forum created by the RGMIA has been able to transcend the barriers of time, cost and access frequently imposed by the large publishing houses.

Now in its 10th year, the group continues to attract new members worldwide. The group aims to:

- disseminate results via publication (both in print and electronic form) and conferences,
- create an awareness of the theory of inequalities and support seminars and visiting academics,
- illustrate the applicability of inequalities in the sciences. For e.g. numerical analysis, statistics, probability and information theory.

### 2.1.2 JIPAM

After one year of fruitful experience with the RGMIA and its Research Report Collection, which is present in many web databases, we initiated our own international, peer refereed electronic journal, the *Journal of Inequalities in Pure and Applied Mathematics*, **JIPAM**

<http://jipam.vu.edu.au> .

This journal aims to foster and develop further growth in all areas of mathematics relating to inequalities. The journal accepts high quality papers containing original research results, survey articles of exceptional merit, short letters and notes. The journal recognizes the need for papers to be published in a timely fashion and, therefore, papers are refereed within 100 working days of submission. The journal is, for the moment, freely available on the Internet.

The editorial board

<http://jipam.vu.edu.au/editors.php>

comprises 76 internationally recognized researchers - many of whom are world leaders in their own fields.

### 2.1.3 RGMIA and JIPAM in Mass Media

RGMIA and JIPAM have a high profile on the World Wide Web. An elementary search using the well-known search engines,

Altavista	<i><a href="http://www.altavista.com/">http://www.altavista.com/</a></i>
Yahoo	<i><a href="http://www.yahoo.com/">http://www.yahoo.com/</a></i>
Lycos	<i><a href="http://www.lycos.com/">http://www.lycos.com/</a></i>
Hotbot	<i><a href="http://hotbot.lycos.com/">http://hotbot.lycos.com/</a></i>
Excite	<i><a href="http://www.excite.com/">http://www.excite.com/</a></i>
Webcrawler	<i><a href="http://www.webcrawler.com/info.wbcrawl/">http://www.webcrawler.com/info.wbcrawl/</a></i>

for the phrase “mathematical inequalities” will reveal the leading position of our group and journal.

Search Engine	Rank
Altavista	1
Yahoo	1
Lycos	1
Hotbot	1
Excite	1
Webcrawler	1

The RGMIA website is listed in many major Science and Mathematics Search engines as well as general ones such as HotBot.

Papers in JIPAM are reviewed by Mathematical Reviews, a journal reviewing the mathematical sciences with a world circulation as well as by Zentralblatt fur Matematik, the corresponding journal in Europe.

Since its commencement in September 1999, JIPAM has moved from strength to strength. Submissions to JIPAM have levelled at almost 400 every year; the Editorial Board of JIPAM has now expanded to seventy-six members, to accommodate both the number of papers and the increasing variety of manuscripts that we are receiving. A few points to note are

- The Journal attracts a large number of visitors to its website and hence to the RGMIA and Victoria University. JIPAM is mirrored by the European Mathematical Information service, which is, in turn, mirrored by over forty sites worldwide.

Search Engine	Rank
Altavista	1
Yahoo	1
Lycos	3
Hotbot	4
Excite	2
Webcrawler	2

- A major achievement of JIPAM has been the fact that we have been approached by leading academic publishers to buy our business. The management committee has decided at this stage, to nurture and develop JIPAM before considering the option to sell the publication rights.

## 2.2 Editorial Memberships

I am the editor-in-chief of two scholarly journals; serving also on the editorial board of 28 international ones.

### Editor-in-Chief

- ▶ *Journal of Inequalities in Pure and Applied Mathematics*  
**ISSN:** 1443-5756  
**Publisher:** School of Computer Science and Mathematics,  
 Victoria University  
**URL:** <http://jipam.vu.edu.au>
- ▶ *Australian Journal of Mathematical Analysis and Applications*  
**ISSN:** 1449-5910  
**Publisher:** Austral Internet Publishing  
**URL:** <http://ajmaa.org>

### Editorial Board

- ▶ *Advances in Non-linear Variational Inequalities*  
**ISSN:** 1092 – 910X  
**Publisher:** International Publications, USA.  
**URL:** <http://www.internationalpubs.com/Advances.htm>
- ▶ *Applied Mathematics E-Notes*  
**ISSN:** 1607 – 2510  
**Publisher:** National Tsing Hua University, Taiwan, China  
**URL:** <http://www.math.nthu.edu.tw/~amen/>
- ▶ *Archives of Mathematical Inequalities*  
**ISSN:** 1542 – 6149  
**Publisher:** Dynamic Publications, Inc. USA.  
**URL:** <http://www.dynamicpublishers.com/AIA/AIAEditor.htm>
- ▶ *Communications in Mathematical Analysis*  
**ISSN:** NA  
**Publisher:** Research India Publications  
**URL:** <http://www.ripublication.com/cma.htm>
- ▶ *East Asian Mathematical Journal*  
**ISSN:** 1226 – 6973  
**Publisher:** Korean Math. Soc., Pusan Branch
- ▶ *Electronic Journal of Mathematical and Physical Sciences*  
**ISSN:** 1538 – 263X  
**Publisher:** EJMAPS Organization  
**URL:** <http://www.emis.de/journals/EJMAPS/>

► *Facta Universitatis, Series Mathematics and Informatics*

**ISSN:** 0352 – 9665

**Publisher:** University of Niš, Serbia

**URL:** <http://facta.junis.ni.ac.yu/facta/mai/maied2005.html>

► *Global Journal of Applied Mathematics*

**ISSN:** 0973 – 1768

**Publisher:** Research India Publications, India.

**URL:** <http://www.ripublication.com/gjam.htm>

► *Global Journal of Mathematics and Mathematical Sciences*

**ISSN:** 0972 – 9836

**Publisher:** GBS Publishers & Distributors, India

**URL:** <http://www.gbspublisher.com/gjmms.htm>

► *International Journal of Applied Mathematics*

**ISSN:** 1311 – 1728

**Publisher:** Academic Publications, Bulgaria.

► *International Journal of Computational and Numerical Analysis and Applications*

**ISSN:** 1311 – 6789

**Publisher:** Academic Publications, Bulgaria.

► *International Journal of Mathematical & Computer Sciences*

**ISSN:** NA

**Publisher:** The International Centre for Mathematical and Computer Sciences

**URL:** <http://ijmcs.icmcs.org/>

► *International Journal of Pure and Applied Mathematical Sciences*

**ISSN:** 0972 – 9828

**Publisher:** GBS Publishers & Distributors, India.

**URL:** <http://www.gbspublisher.com/ijpams.htm>

► *International Review of Pure and Applied Mathematics*

**ISSN:** 0973 – 1350

**Publisher:** Serials Publications, India

**URL:** <http://www.serialspub.com/display.asp?issn=13>

► *Journal of Applied Functional Analysis*

**ISSN:** NA

**Publisher:** Nova Science Publishers, USA.

**URL:** <http://www.msci.memphis.edu/~anastasg/jafa/jafa.htm>

► *Journal of Applied Mathematics and Computing* (JAMC)

**ISSN:** 1229 – 9502

**Publisher:**

► *Journal of Computational Analysis and Applications*

**ISSN:** 1521 – 1398 (print) 1572 – 9206 (elec.)

**Publisher:** Springer Science + Business Media B.V.,

**URL:** <http://www.msci.memphis.edu/~anastag/>

► *Journal of Concrete and Applicable Mathematics*

**ISSN:** 1548 – 5390

**Publisher:** Nova Science Publishers, USA.

**URL:** <http://www.msci.memphis.edu/~anastag/jcaam/jcaam.htm>

► *Journal of Inequalities and Applications*

**ISSN:** 1025 – 5834

**Publisher:** Hindawi Publishing Corporation

**URL:** <http://www.hindawi.com/journals/jia/>

► *Kragujevac Journal of Mathematics*

**ISSN:** 1450 – 9628

**Publisher:** Prirodno-matematički fakultet u Kragujevcu,  
Radoja Domanovica 12, 34000 Kragujevac

**URL:** <http://www.komunikacija.org.yu>

► *Nonlinear Analysis Forum*

**ISSN:** 1226 – 7228

**Publisher:** Kyungshung University, Pusan, Korea.

► *Nonlinear Functional Analysis and Applications*

**ISSN:** 1229 – 1595

**Publisher:** Kyungnam University, Korea.

► *Octagon Mathematical Magazine*

**ISSN:** 1222 – 5657

**Publisher:** Braşov, Romania.

► *Pacific-Asian Journal of Mathematics*

**ISSN:** NA

**Publisher:** Serials Publications, India

**URL:** <http://www.serialspub.com/ourjournals.asp>

► *PanAmerican Mathematical Journal*

**ISSN:** 1064 – 9735

**Publisher:** International Publications, USA.

**URL:** <http://www.internationalpubs.com/>

► *Publications Of The Faculty Of Electrical Engineering,  
University Of Belgrade*

**ISSN:** 0522 – 8441

**Publisher:** Faculty Of Electrical Engineering, University Of Belgrade

**URL:** <http://matematika.etf.bg.ac.yu/publikacije/index.html>

► *Tamsui Oxford Journal of Mathematical Sciences*

**ISSN:** 1561 – 8307

**Publisher:** Tamsui Oxford University, China.

► *The Journal of the Indian Academy of Mathematics*

**ISSN:** 0970 – 5120

**Publisher:** Indian Academy of Mathematics, India

## 2.3 Talks and Presentations

I was invited to give presentations on my research at different international conferences and in different mathematical departments as listed below.

### 2005

- *Inequalities for  $s$ -Orlicz and  $s$ -Breckner convex functions*  
MiniConference on Functional Analysis  
University of Western Australia, 25-26 September, 2005.
- *A survey on reverses of Schwarz and triangle inequality in inner product spaces*  
Special Session on Inequalities and Applications  
The 49th Annual Meeting of the Australian Mathematical Society  
University of Western Australia, 27-30 September, 2005.
- *Reverses of Schwarz inequality in inner product spaces & applications for numerical radius of linear operators*  
Invited Presentation: Laboratoire Analyse, Institut Galilee,  
Universitee Paris 13/CNRS, 14 October, 2005.

### 2004

- *An overview on the reverses of Schwarz, triangle and Bessel inequalities in inner product spaces*  
The Fourth World Congress of Nonlinear Analysts  
Orlando, Florida, USA, 2 July.
- *Quadratic reverses of the triangle inequality in inner product spaces*  
The 8th International Conference on Nonlinear Functional Analysis and Applications  
Masan & Chinju, Korea, 10 August.

- *Some reverses of the generalised triangle inequality in complex inner product spaces*  
The 8th International Conference on Nonlinear Functional Analysis and Applications  
Masan & Chinju, Korea, 13 August.
- *Reverses of the continuous triangle inequality for Bochner integral of vector-valued functions in Hilbert and Banach spaces*  
The 48th Annual Meeting of the Australian Mathematical Society,  
RMIT University, Melbourne, Australia, 30 September.

## 2003

- *Refinements of the Cauchy- Bunyakovsky- Schwarz Inequality & Applications*  
Department of Mathematics, Dong-Eui University, Pusan,  
19 August. 11.00-11.50 am
- *Reverses of the Cauchy-Bunyakovsky-Schwarz Inequality & Applications*  
Department of Mathematics, Dong-A University, Pusan,  
19 August. 03.00-03.50 p.m.
- *A Survey on the Cauchy- Bunyakovsky- Schwarz Type Inequality*  
Department of Mathematics, Kyungnam University, Masan,  
20 August.
- *Recent Advances on the Cauchy- Bunyakovsky- Schwarz Inequality, Generalizations and Refinements*  
Department of Mathematics, Chungnam National University, Daejeon,  
29 September.
- *Some Ostrowski Type Inequalities Via Cauchy's Mean Value Theorem*  
Department of Mathematics & Mathematical Education of Gyeongsang National University, Chinju, Korea.
- *The Median Principle for Inequalities and Applications*  
Department of Mathematics & Mathematical Education of Gyeongsang National University, Chinju, Korea.
- *Sharp Bounds of Čebyšev Functional for Stieltjes Integrals and Applications*  
Department of Mathematics & Mathematical Education of Gyeongsang National University, Chinju, Korea.
- *Some Inequalities for  $f$ -Divergence in Information Theory*  
Department of Mathematics & Mathematical Education of Gyeongsang National University, Chinju, Korea.



- *On Bessel and Grüss Inequalities for Orthonormal Families in Inner Product Spaces*  
Department of Mathematics & Mathematical Education of Gyeongsang National University, Chinju, Korea.

## 2002

- *Grüss type inequalities with applications for the moments of guessing mappings*  
The Australian Society for Operations Research  
Melbourne, Australia, 17th April.
- *New inequalities for the Čebyšev functional involving two  $n$ -tuples of real numbers and applications*  
Modelling and Simulation: Keys to Technological Advances,  
Victoria University, Melbourne, Australia, 11-13 November.  
Co-author: P. Cerone
- *An approximation for the Fourier transformation of absolutely continuous mappings*  
Modelling and Simulation: Keys to Technological Advances,  
Victoria University, Melbourne, Australia, 11-13 November.  
Co-author: N.S. Barnett
- *Ostrowski type inequalities for functions whose derivatives are convex*  
Modelling and Simulation: Keys to Technological Advances,  
Victoria University, Melbourne, Australia, 11-13 November.  
Co-author: A. Sofo
- *An approximation for the finite-Fourier transform of two independent variables*  
Modelling and Simulation: Keys to Technological Advances,  
Victoria University, Melbourne, Australia, 11-13 November.  
Co-authors: G. Hanna and J. Roumeliotis

## 2001

- *Some inequalities for Csiszár  $f$ -divergence and applications*  
International Conference on Inequalities  
Timisoara University, Romania, July.
- *Some inequalities for Cauchy principal values*  
International Conference on Inequalities  
Timisoara University, Romania, July.  
Co-authors: N.M. Dragomir and P.M. Farrell

- *New inequalities for Csiszár  $f$ -divergence in information theory*  
The 7th International Conference on Nonlinear Functional Analysis and Applications  
Masan & Chinju, Korea, August.
- *New Ostrowski's type inequalities for vector valued functions and applications*  
The 7th International Conference on Nonlinear Functional Analysis and Applications  
Masan & Chinju, Korea, August.

## 2000

- *Some inequalities for random variables whose PDF are defined on a finite interval*  
The Third World Congress of Nonlinear Analysts  
Catania, Sicily, Italy.  
Co-author: N.S. Barnett
- *Inequalities of Hadamard's type and their applications*  
The Third World Congress of Nonlinear Analysts  
Catania, Sicily, Italy.  
Co-authors: Y.J. Cho and S.S. Kim
- *Some quadrature formulae for absolutely continuous mappings via Ostrowski type inequalities*  
The Third World Congress of Nonlinear Analysts  
Catania, Sicily, Italy.
- *On sequences of mappings associated with Hadamard's inequality*  
The 6th International Conference on Nonlinear Functional Analysis and Applications, Korea.
- *Approximating integral operators via Ostrowski type inequalities*  
18th International Conference on Operator Theory  
University of West Timisoara, Timisoara, Romania.

## 1999

- *Kraft's number and ideal word packing*  
2nd International Conference on Unsolved Problems of Noise and Fluctuations, 1999.  
Co-authors: N.M. Dragomir, C.E.M. Pearce and J. Šunde
- *Some inequalities for the relative entropy and applications*  
Australian Mathematical Society 43rd Annual Conference,  
The University of Melbourne, Victoria, July 1999.

- *On the Ostrowski Inequality for Riemann-Stieltjes Integral and Applications for Quadrature Formulae*  
University of Ballarat, School of Information Technology and Mathematical Sciences  
Optimization Day, 1999.
- *Some quadrature formulae for absolutely continuous mappings via Ostrowski type inequalities*  
Computational Techniques and Applications Conference and Workshops - CTAC99  
The Australian National University.
- *Inequalities and application in information theory*  
5th International Conference on Telecommunications  
Zagreb, Croatia, 1999.  
Co-authors: V. Gluscevic and J. Sunde
- *An inequality of Ostrowski type for twice differentiable mappings*  
Computational Techniques and Applications Conference and Workshops - CTAC99  
The Australian National University.  
Co-author: A. Sofo

## 1998

- *Adaptive Quadrature Formulae*  
School of Mathematics, University of South Australia, The Levels,  
October 22nd, 1998.
- *Ostrowski Type Inequalities and Their Application in Numerical Analysis*  
School of Mathematics and Statistics, Curtin University of Technology,  
November 18, 1998.
- *Adaptive Quadrature Formulae*  
Department of Mathematics, The University of Western Australia,  
November 25, 1998.

## 1996

- *Jensen's Discrete Inequality for Convex Functions: Refinements, Counterparts, Related Results and Applications in Information Theory*  
Department of Statistics, Royal Melbourne Institute of Technology,  
March 27th, 1996.
- *New Results in Information Theory Via Jensen's Discrete Inequality for Convex Functions*  
Department of Mathematics, Murdoch University,  
May 13th, 1996.

- *On Some Gronwall Type Inequalities and Their Applications in Volterra Integral Equations and Differential Equations Theory*  
School of Mathematics, Curtin University,  
May 29th, 1996.
- *Counterparts of Some Inequalities in Information Theory*  
Department of Mathematics, Royal Melbourne Institute of Technology,  
August 14th, 1996.
- *On Some Mappings Associated with Norm Derivatives in Normed Linear Spaces and Applications in Geometry of Banach Spaces*  
Department of Mathematics, Monash University, Melbourne,  
August 28th, 1996.

## 1995

- *On Hadamard's Inequality for Convex Functions and Applications*  
Department of Mathematics, La Trobe University,  
July 25th, 1995.
- *Approximation of Continuous Linear Functionals on Real Normed Linear Spaces and Applications*  
Department of Pure Mathematics, The University of New South Wales,  
August 8th, 1995.
- *Approximation of Continuous Linear Functionals on Real Normed Linear Spaces*  
School of Mathematics, University of Technology, Sydney,  
August 10th, 1995.
- *On Hadamard's Inequality for Convex Functions and Applications*  
Department of Mathematics, The University of Western Australia,  
August 18th, 1995.
- *Jensen's Discrete Inequality and Related Results*  
Department of Mathematics, Murdoch University, Perth,  
August 24th, 1995.
- *On Jensen's Discrete Inequality; Refinements, Counterparts and Related Results*  
School of Mathematics, Curtin University of Technology,  
August, 30th, 1995.
- *The approximation of Continuous Linear Functionals on Real Normed Linear Spaces in Terms of Norm Derivatives*  
Department of Mathematics, University of Wollongong,  
September 1st, 1995.

- *Jensen's Discrete Inequality and its Applications in Information Theory*  
Centre in Statistical Sciences, Queensland University of Technology, Brisbane,  
September 5th, 1995.
- *The Approximation of Continuous Linear Functionals on Real Normed Spaces in Terms of Norm Derivatives*  
Department of Mathematics, The University of Queensland,  
September 6th, 1995.

## 1994

- *New Characterizations of Best Approximation Elements in Normed Linear Spaces with Applications*  
School of Mathematics, University of South Australia, July 21st, 1994.
- *New Results Connected With Hadamard's Inequality for Convex Mappings*  
Department of Mathematics, The University of Adelaide, July 22nd, 1994.
- *Problems in Approximation Theory*  
Department of Mathematics, La Trobe University, Bendigo, July 24, 1994.

## 2.4 Congress and workshop organisation

I have co-organised the following international conferences

### 2004

► *International Conference on Mathematical Inequalities and their Applications, I*

**Date:** December 06 – 08

**Location:** Victoria University, Melbourne, Australia

► *The 8th International Conference on Nonlinear Analysis and Applications*

**Date:** August 09 – 13

**Location:** Masan and Chinju, Korea

► *The 4th World Congress of Nonlinear Analysts*

**Date:** June 30 – July 07

**Location:** Orlando, Florida, USA.

### 2002

► *General Inequalities 8*

**Date:** September

**Location:** Nojvay, Hungary

2001

► *The 7th International Conference on Nonlinear Analysis and Applications*

**Date:** August

**Location:** Masan and Chinju, Korea

► *International Conference in Mathematical Inequalities*

**Date:** July

**Location:** Timisoara University, Romania

2000

► *The 3rd World Congress of Nonlinear Analysts*

**Date:** July

**Location:** Catania, Italy.

► *Workshop in Mathematical Inequalities*

**Date:** July

**Location:** Timisoara University, Romania

► *The 6th International Conference on Nonlinear Analysis and Applications*

**Date:** September

**Location:** Chinju and Masan, Korea

1998

► *The 5th International Conference on Nonlinear Analysis and Applications*

**Date:** August

**Location:** Chinju, Korea

## 2.5 Refereeing

I act as an active referee for various journals including:

- Journal of Mathematical Analysis and Applications
- Journal of Approximation Theory
- Mathematical Inequalities & Applications
- Applied Mathematics Letters
- Mathematical & Computer Modelling
- Computers & Mathematics with Applications
- Acta Mathematica Hungarica
- Periodica Mathematica Hungarica
- Demonstratio Mathematica
- Tamkang Journal of Mathematics
- Soochow Journal of Mathematics
- Journal of the Korean Mathematical Society
- Bulletin of the Australian Mathematical Society
- Bulletin of the Korean Mathematical Society

# Chapter 3

## Research and Scholarship

### 3.1 Research Support and funding

#### 3.1.1 Research Support

Financial support for our research includes:

1998

► **Title:** *Jensen Type Inequalities and Their Applications in Information Theory*

**Grant type:** Professorial Grant

**Organisation:** Victoria University

**Amount:** \$ 22,000

**Co-applicants:** NA

► **Title:** *Tight Bounds for Some Performance Measures in Loss Systems Occurring in Communications Networks*

**Grant type:** Research and Development

**Organisation:** DSTO, Salisbury, SA

**Amount:** \$ 55,000

**Co-applicants:** Professor C.E.M. Pearce - Adelaide University  
Professor J. Pecaric - Zagreb University, Croatia

1999

► **Title:** *Models for Preliminary Evolution of Performance and Optimisation of the HF Network*

**Grant type:** Research and Development

**Organisation:** DSTO, Salisbury, SA

**Amount:** \$ 20,000

**Co-applicants:** Professor C.E.M. Pearce - Adelaide University

► **Title:** *Best Approximation in Normed Linear Spaces and Applications*  
**Grant type:** International collaborative grant  
**Organisation:** Donguei University, Korea  
**Amount:** \$AU 55,000  
**Co-applicants:** Professor Y.J. Cho - Gyeongsang National University  
 Professor S.S. Kim - Donguei University, Korea

2000

► **Title:** *P-logarithmic and  $\alpha$ -Power Divergence Measures in Information Theory and Their Relationships with Some Particular Instances of Csiszar  $f$ -Divergences*  
**Grant type:** Small Grant  
**Organisation:** ARC  
**Amount:** \$ 18,292  
**Co-applicants:** Assoc. Prof. N.S. Barnett - Victoria University  
 Assoc. Prof. P. Cerone - Victoria University  
 Dr. J. Roumeliotis - Victoria University  
 Assoc. Prof. A. Sofo - Victoria University

2002

► **Title:** *Applications for  $f$ -divergence Via Ostrowski Type Inequalities*  
**Grant type:** Discovery Grant-Project  
**Organisation:** Victoria University  
**Amount:** \$ 12,000  
**Co-applicants:** Assoc. Prof. N.S. Barnett - Victoria University  
 Assoc. Prof. P. Cerone - Victoria University

2003

► **Title:** *Accurate Approximation of Cauchy Principal Value Integrals*  
**Grant type:** Brain Pool Program  
**Organisation:** KOSTS (South Korea)  
**Amount:** \$ 15,000  
**Co-applicants:** Prof. Y.J. Cho - Gyeongsang National University, Korea

► **Title:** *Accurate Approximation of Cauchy Principal Value Integrals*  
**Grant type:** Discovery Grant-Project  
**Organisation:** Victoria University  
**Amount:** \$ 15,000  
**Co-applicants:** Assoc. Prof. N.S. Barnett - Victoria University  
 Assoc. Prof. P. Cerone - Victoria University

2004



- **Title:** *A New and Improved Method in Approximating the Stieltjes Integrals*
- Grant type:** Discovery Grant-Project
- Organisation:** Victoria University
- Amount:** \$ 20,000
- Co-applicants:** Assoc. Prof. N.S. Barnett - Victoria University  
Assoc. Prof. P. Cerone - Victoria University

### 3.1.2 Research Quantum

The research publications attract funding to the University via the research quantum. Utilising the **Consolidated Research KPI** (derived from the IGS and RTS funding schemes) document that may be found at

[http://research.vu.edu.au/URC/cri\\_background.pdf](http://research.vu.edu.au/URC/cri_background.pdf),

one may observe that 1 DEST point in publications attracts to the university **\$2,767.94**.

My own output in terms of DEST points for each year, which has been audited by the Office for Research and may be found on the university website at (<http://research.vu.edu.au/php/bibselect.php>), is as follows:

1998: **13.50** points  
 1999: **27** points  
 2000: **32** points  
 2001: **34.78** points  
 2002: **34.45** points  
 2003: **44.28** points  
 2004: **45.70** points

giving in **Total: 231.71 points**.

On an average basis across the years, each publication has attracted to the University for each of these years approximately

1998: **\$ 37,356**  
 1999: **\$ 74,709**  
 2000: **\$ 88,544**  
 2001: **\$ 96,236**  
 2002: **\$ 95,323**  
 2003: **\$ 122,522**  
 2004: **\$ 126,451**

giving in **Total: \$641,141**.

## 3.2 Research Co-operation

### 3.2.1 Research Co-operation with other Groups within the FoHES

During 1999, in association with Prof. M. Gu's group from OTRL, we investigated some new numerical procedures for approximating Hankel transforms, which are important in Fourier optics. The project led to a research paper published in the Korean Society of Industrial and Applied Mathematics Journal.

During 2000 and 2001, in association with Ass/Profs P. Farrell and G. Baxter from OTRL, we studied some new approximations for the Cauchy Principal Value Integrals. The integral plays an essential role in edge detection for photon devices such as fiber Bragg Gratings, photon multipliers etc... The project led to the writing up of four research papers, of which two have already been published in appropriate peer refereed journals, one in the Proceedings of an international conference and one is still under consideration for publication. These topics will be developed further with Ass/Prof. G. Baxter's group.

During 2001, we started to investigate the possibility of a research partnership with Prof. A. Kalam's group in using some mathematical techniques based on Gruss' inequality to accurately evaluate the solutions of differential equations associated with some electrical circuits. The obtained results were reported in a research paper that has been published in the Korean Society of Industrial and Applied Mathematics Journal.

Additionally, this year the Group has begun some preliminary investigation for a possible co-operation with Dr. J. Singh's group based in the School of Electrical Engineering, on some new numerical approximations for the Fourier Transform which plays a fundamental role in the mathematical modelling of certain electronic devices used in mobile telephony.

### 3.2.2 Research Co-operation with National & International Groups

The RGMIA node at VU was and is very successful in its co-operation with different groups with similar interests at the national and international level.

#### National

Since 1994, when Prof. S. Dragomir visited the University of Adelaide for the first time and conducted joint research with Professor C.E.M. Pearce from the Applied Mathematics Department, the partnership between the two groups has developed greatly. The fruits of this co-operation may be easily seen in the large number of joint publications and the two grants obtained from DSTO. A book on Hermite-Hadamard type inequalities was written and is to be submitted for publication to a prestigious publishing house.

Another group, with which we have conducted much successful research since 1995, includes Prof. C.J. Goh, Dr. S. Fitzpatrick, Dr. G. Keady and Dr. S.

Wang from the University of Western Australia. The output of this co-operation can be assessed by the list of publications in the last ten years.

More recently, we have established a partnership with Prof. Terry Mills' group from La Trobe University in Bendigo, and a book on mathematical inequalities for undergraduate students entitled "101 Inequalities" is to be completed in the next few months.

In Melbourne, the strong co-operation with Prof. B. Mond, La Trobe University and Prof. J. Koliha, Melbourne University over 8 years has resulted in many published papers in the most prestigious journals. Other scientific collaborations which have resulted in published papers include those with Dr. S. Boztas from RMIT and Dr. B. Craven from Melbourne University.

### **International**

Our group has strong international research collaboration with leading groups in the domain from different countries including: Croatia, USA, Korea, Romania, Canada and Greece.

One of the most prolific and well-known groups in the world working in the Theory of Inequalities & Applications and that also edits the journal "Mathematical Inequalities & Applications", is Professor J. Pecaric's group located at Zagreb University, Croatia. This co-operation has a history of more than 10 years and started when Prof. S. Dragomir once worked for the West University of Timisoara in Romania. Since then, and in different combinations, the members of RGMIA and of the group from Croatia have jointly written more than 20 papers in highly rated journals in the domain. The highest point of this partnership was when Prof. Pecaric visited us in March 1999.

Another similarly appreciated research group is that of Professor R.P. Agarwal, working at the Florida Institute of Technology in USA. This group is responsible for the highly esteemed publication "Journal of Inequalities & Applications" (JIA) which is seen as the best rated journal in our domain. A long history of common work over the last six years unites RGMIA at VU with this group. We have jointly written more than 10 papers from which 4 are survey papers longer than 50 pages devoted to Simpson quadrature rules, Beta and Gamma functions, inequalities for variance and other results in Probability Theory and Statistics etc. . . Professor S. Dragomir is also a member of the editorial board of JIA.

In March 2000, Professor G. Anastassiou from Memphis University, USA, who is one of the leading American mathematicians in Numerical Approximation, Theory of Inequalities and other related fields, visited RGMIA for one week and introduced his books to our research seminar. This was the starting point of a co-operation on Ostrowski type inequalities that has materialized in a research paper published by a leading journal in Mathematical Analysis, "Journal of Mathematical Analysis & Applications".

Another scientist from the Northern American Continent, Professor P.L. Kannappan from Waterloo University in Canada, visited the group in 2000, giving a talk on functional equations and furthering the collaboration with Prof.

Dragomir. This work produced a paper on best approximation theory that has been published in a prestigious journal in the field.

From March 2000 up to February 2001, Prof. S.S. Kim from Dongui University in Korea spent his sabbatical with the RGMIA group and conducted successful researches on inequalities for 2-inner products and 2-norms. These results were partially incorporated in a book written by Prof. Kim and Prof. Y.J. Cho from Gyeongsang National University. The history of research co-operation between Prof. Cho's group in Korea and the RGMIA at VU began in January 1997 when Prof. S.S. Dragomir visited Gyeongsang University, for one month, and conducted joint research with Prof. Cho. This work has continued during the last 5 years and resulted in more than 10 papers and two books, one is already in press at Nova Science Publishers in the USA. Under the Memorandum of Understanding between the two Universities, Professor S.S. Dragomir again visited Gyeongsang National University in 2003 for 3 months. Currently, another member of Prof. Y.J. Cho's team, Professor G.-H. Kim is visiting VU for a year, conducting research in a field of common interest.

RGMIA has also co-organized the last three international conferences on Nonlinear Analysis in Korea that have been held at Masan and Chinju (September 2000, August 2001 and August 2004). The proceedings of these conferences contain largely the contributions of our colleagues from VU.

In July 2001, in collaboration with our partners and co-authors from Romania, including Prof. C. Buse, Prof. Gh. Toader, Prof. M. Megan and others, we co-organized the international conference on mathematical inequalities, "Inequalities 2001" which was held at West Timișoara University. This conference followed the extended visit of Prof. Buse to VU, which created the fundamentals of a fruitful co-operation between us, and an equivalent group at West Timișoara University. In the first instance we report a sequence of four research papers jointly written by RGMIA members and Prof. Buse opening a huge domain of applications for differential equations modelling a large variety of practical problems arising in Engineering, Physics and the Biological Sciences.

# Chapter 4

# Teaching

## 4.1 Philosophy

*I believe everyone can learn.*

There are *common goals* each student must achieve, but we can take different paths to reach these common goals. It is not the job of the teacher to force uniformity in learning. It is the *job of the teacher* to support *individuality*. Understanding and capitalizing on the diversity of each student, allowing them to use their individual strengths, is paramount to good teaching.

*I believe everyone wants to learn.*

The secret is to find the right *motivation*. It must be kept in the teacher's mind each student is different, so their motivations are different. Students are eager and energetic. With a little guidance in the right direction and a small push, they will seek out and discover the answers they are seeking. They will experience, first hand, the effects of their decisions. There is no better way to learn this than through first hand experience. Students, guided by the teacher, will make some serious decisions. They will then experience, first hand the effects of their decisions. This is all designed to prepare them for the real world.

## 4.2 Courses Taught

**Academic Year:** 1990–1991

**Lecture Courses:**

- ▶ Mathematical Analysis, (C. 2h/w, T. 2h/w)
- ▶ Linear Algebra, (C. 2h/w, T. 2h/w)
- ▶ Introduction in Statistics, (C. 2h/w, T. 2h/w)

**Students:** 1st year students in the Faculty of Physics at Timisoara University.

- Academic Year:** 1991–1992  
**Lecture Courses:** ► Mathematical Analysis, (C. 2h/w, T. 2h/w)  
 ► Numerical Analysis, (C. 2h/w, T. 2h/w)  
**Students:** 1st year students in the Faculty of Physics  
 at Timisoara University.
- Lecture Course:** ► Introduction to Logic and Set Theory, (C. 2h/w, T. 2h/w)  
**Students:** 1st year students in the Faculty of Mathematics  
 at Timisoara University.
- Academic Year:** 1992–1993  
**Lecture Course:** ► Introduction to Differential Eq. and Complex Analysis,  
 (C. 2h/w, T. 2h/w)  
**Students:** 1st year students in the Faculty of Chemistry  
 at Timisoara University.
- Lecture Course:** ► Functional Analysis and its Applications in Physics,  
 (C. 2h/w, T. 2h/w)  
 ► Introduction in Probabilities Theory and Statistics,  
 (C. 2h/w, T. 2h/w)  
**Students:** Second year students in the Faculty of Physics  
 at Timisoara University
- Academic Year:** 1993–1994  
**Lecture Courses:** ► Mechanics: The Motion of a Particle, (C. 2h/w, T. 2h/w)  
 ► Variational Methods & their Applics., (C. 3h/w, T. 3h/w)  
 ► Numerical Analysis, (C. 2h/w, T. 2h/w)  
**Students:** Third year students in the Faculty of Mathematics  
 at West University of Timisoara
- Academic Year:** 1994–1995  
**Lecture Course:** ► Analysis on Manifolds, (C. 3h/w, T. 3h/w)  
**Students:** Third year students in the Faculty of Mathematics  
 (Research Section) at West University of Timisoara.
- Lecture Course:** ► Convex Functions and their Applications to Optim.,  
 (C. 3h/w, T. 2h/w)  
**Students:** Fifth year students in the Faculty of Mathematics  
 (Research Section) at West University of Timisoara.
- Academic Year:** 1995–1996 (1st semester)  
**Lecture Course:** ► Mechanics: The Motion of a System of Particles,  
 (C. 3h/w, T. 2h/w)  
**Students:** 4th year students in the Fac. of Math. (Appl. Math. Sec.) ,  
 at West University of Timisoara.
- Lecture Course:** ► Convex Functions and their Applications to Optim.,  
 (C. 3h/w, T. 2h/w)  
**Students:** Fifth year students in the Faculty of Mathematics  
 (Research Section) at West University of Timisoara.

**Academic Year:** 1997  
**Lecture Courses:** ► Nonlinear Programming, (C. 2h/w)  
 ► Nonlinear Analysis, (C. 2h/w)  
 ► Mechanics (C. 2h/w)  
**Students:** Honour students in Applied Mathematics Department at the University of Transkei, South Africa.

**Academic Year:** 1998  
**Lecture Courses:** ► Information Theory and Coding, (C. 2h/w)  
 ► Numerical Analysis (C. 2h/w)  
 ► Mathematical Programming, (C. 2h/w)  
**Students:** Honour students in Applied Mathematics Department at the University of Transkei, South Africa.

## 4.3 Research students

### F.C. Cirstea

– a PhD student, already has a large number of publications in some of the most prestigious journals in Mathematical Analysis and Applications. She received her degree in 2004 with “Magna Cum Laude” and obtained an Australian Postdoctoral Fellowship at the Australian National University for four years.

### G. Hanna

– a PhD student, has published more than ten papers and a chapter in the area of multidimensional quadrature. This important topic impacts many fields that involve the study of multiple dimensions with important applications for Fourier multidimensional transforms. These transforms in their turns are employed in edge detection in image processing and thus accurate approximation will have a flow of impact in Optics and its applications.

### Eder Kikianty

– a PhD student. Eder is the recipient of an international scholarship offered by the Faculty of Health, Engineering and Science. Her PhD program is devoted to the study of the impact of Mathematical Inequalities of Hermite Hadamard type in the Geometry of Banach Spaces. She has already published a few outstanding papers in ISI journals in the field.

### Other Students

– I also co-supervised a PhD student, Mr. V. Gluscevic who has just graduated from Adelaide University (C.E.M. Pearce was his principal supervisor) and another student at Timisoara University, Romania. This student, Mr. V. Boldea, was under my collaborator’s principal supervision, Prof. C. Buse located at Timisoara University.

## 4.4 Current and Future Teaching

My present position as a Research Chair in Mathematical Inequalities & Applications does not involve any undergraduate teaching responsibilities. However, I am in charge with managing the School of Computer Science & Mathematics Problem Solving Competition (PSC) (see <http://psc.vu.edu.au/>).

The PSC competition is conducted in two stages. The first stage is an electronic test on a given day in July every year at 4pm-6pm, and is open to all registered Year 9–12 students. Students will login on this site at the appropriate time and have 2hrs to complete the test.

In the second stage, the Head of School of Computer Science and Mathematics invites selected students to the University on Open Day (usually in August) to participate in a written test. All of these students will be given a certificate of merit and be eligible for prizes such as book vouchers, cool electronic gadgets and scholarships.

For the future I am interested in giving undergraduate and postgraduate Lecture Courses in General Inequalities & Real Analysis with ramifications in Numerical Integration, Approximation of Integral Operators, Information Theory, Coding & Guessing, Probability Theory & Statistics, Functional Analysis & Operator Theory.



# Chapter 5

## Publications

### 5.1 Introduction

I am the sole author of 5 books and the co-author of one. These are:

1. *Some Gronwall Type Inequalities and Applications*, Nova Science Publishers, Inc., Hauppauge, New York, x+193 pp./ 2003
2. *Discrete Inequalities of the Cauchy - Bunyakovsky - Schwarz Type*, Nova Science Publishers, Inc., Hauppauge, New York, x + 225 pp. / 2004
3. *Semi-inner Products and Applications*, Nova Science Publishers, Inc., Hauppauge, New York, x+222 pp. / 2004
4. *Advances in Inequalities of the Schwarz, Grüss and Bessel Type in Inner Product Spaces*, Nova Science Publishers Inc., New York, x+249 pp./ 2005
5. *Advances in Inequalities of the Schwarz, Triangle and Heisenberg Type in Inner Product Space*, Nova Science Publishers Inc., New York, 2007.
6. *Inequalities for Random Variables Over a Finite Interval* (with N.S. Barnett and P. Cerone). Nova Science Publishers Inc, New York, 250 pp./ 2008.
7. *Selected Topics on Hermite-Hadamard Inequalities and Applications* (with C.E.M. Pearce),  
Preprint available at [http://rgmia.vu.edu.au/monographs/hermite\\_hadamard.html](http://rgmia.vu.edu.au/monographs/hermite_hadamard.html)

I have co-edited 7 books as follows

1. *Inequalities Theory and Applications* (with Y.J. Cho and J.K. Kim), Vol. 1, Nova Sciences Publ. Inc., 320 pp. /2001

2. *Ostrowski Type Inequalities and Applications in Numerical Integration* (with Th. M. Rassias), Kluwer Academic Publishers, Dordrecht, 504 pp./ 2002
3. *Inequalities Theory and Applications* (with Y.J. Cho and J.K. Kim), Vol. 2, Nova Sciences Publ. Inc., 205 pp./ 2003
4. *Inequalities Theory and Applications* (with Y.J. Cho and J.K. Kim), Vol. 3, Nova Sciences Publ. Inc., 209 pp./ 2004
5. *Inequalities Theory and Applications* (with Y.J. Cho and J.K. Kim), Vol. 4, Nova Sciences Publ. Inc., 183 pp./ 2007
6. *Inequalities Theory and Applications* (with Y.J. Cho and J.K. Kim), Vol. 5, Nova Sciences Publ. Inc., 185 pp./ 2007
7. *Differential Equations and Applications*, Vol. 4 (with Y.J. Cho and J.K. Kim), Nova Sciences Publ. Inc., 164 pp./ 2007

In 2005, I was appointed by Nova Science Publ. Inc. as Editor in charge with the new collection “Advances in Inequalities”. In this collection, the books are:

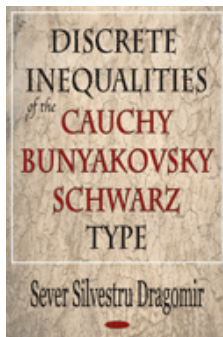
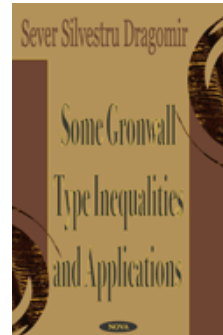
1. *Advances in Inequalities from Probability Theory & Statistics* (Edited by N.S. Barnett & S.S. Dragomir)
2. *Advances in Inequalities for Special Functions* (Edited by P. Cerone & S.S. Dragomir)
3. *Advances in Inequalities for Series* (Edited by S.S. Dragomir & A. Sofo).

I have authored **40** book chapters and **475** papers in refereed scholarly journals. I have also published **28** papers in refereed Conference Proceedings.

## 5.2 Authored Books

1. *Some Gronwall Type Inequalities and Applications*

Authors: S.S. Dragomir  
 ISBN: 1-59033-827-8  
 Publisher: Nova Science Pub. Inc.  
 Pages/Yr Pub.: x+193 pp./ 2003

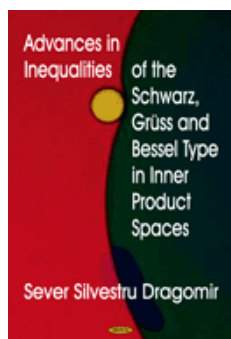


2. *Discrete Inequalities of the Cauchy-Bunyakovsky-Schwarz type*

Authors: S.S. Dragomir  
 ISBN: 1-59454-049-7  
 Publisher: Nova Science Pub. Inc.  
 Pages/Yr Pub.: x + 225 pp. / 2004.

3. *Semi-inner Products and Applications*

Authors: S.S. Dragomir  
 ISBN: 1-59033-947-9  
 Publisher: Nova Science Pub. Inc.  
 Pages/Yr Pub.: x+222 pp. / 2004.

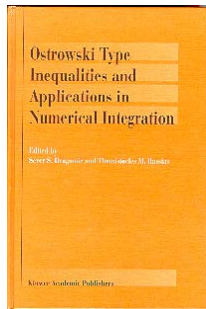
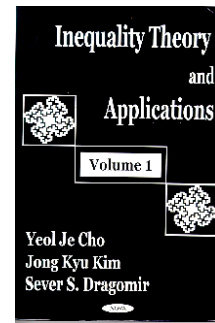


4. *Advances in Inequalities of the Schwarz, Grüss and Bessel Type in Inner Product Spaces*

Authors: S.S. Dragomir  
 ISBN: 1-59454-202-3  
 Publisher: Nova Science Pub. Inc.  
 Pages/Yr Pub.: x+249 pp./ 2005.

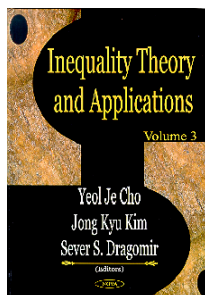
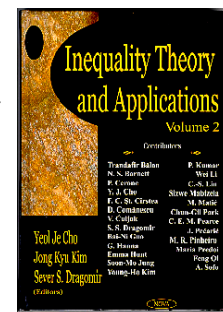
### 5.3 Edited Books

1. *Inequalities Theory and Applications, Vol. 1*  
 Editors: Y.J. Cho, J.K. Kim and S.S. Dragomir  
 ISBN: 1-59033-188-5  
 Publisher: Nova Science Pub. Inc.  
 Pages/Yr Pub.: 320 pp. /2001



2. *Ostrowski Type Inequalities and Applications in Numerical Integration*  
 Editors: S.S. Dragomir and Th. M. Rassias  
 ISBN: 1-4020-0562-8  
 Publisher: Kluwer Academic Publishers  
 Pages/Yr Pub.: 504 pp./ 2002

3. *Inequalities Theory and Applications, Vol. 2*  
 Editors: Y.J. Cho, J.K. Kim and S.S. Dragomir  
 ISBN: 1-59033-866-9  
 Publisher: Nova Science Pub. Inc.  
 Pages/Yr Pub.: 205 pp./ 2003



4. *Inequalities Theory and Applications, Vol. 3*  
 Editors: Y.J. Cho, J.K. Kim and S.S. Dragomir  
 ISBN: 1-59033-891-X  
 Publisher: Nova Science Pub. Inc.  
 Pages/Yr Pub.: 209 pp./ 2004

## 5.4 Book Chapters

### 5.4.1 2008

1. N.S. BARNETT, P. CERONE, S.S. DRAGOMIR and A. SOFO, Approximations of  $f$ -Divergence Measures via Taylor Series Expansions: A Survey of Recent Results, in *Advances in Inequalities for Series*, Sever S. Dragomir and Anthony Sofo (Eds.), Nova Science Publishers, Inc. New York, 23-64. ISBN: 1-60021-920-9
2. P. CERONE and S.S. DRAGOMIR, Inequalities for Positive Dirichlet Series, in *Advances in Inequalities for Special Functions*, Pietro Cerone and Sever S. Dragomir (Eds.), Nova Science Publishers, Inc. New York, 37-65. ISBN: 1-60021-919-5
3. N.S. BARNETT and S.S. DRAGOMIR, A Survey of Recent Inequalities for  $\phi$ -Divergences of Discrete Probability Distributions, in *Advances in Inequalities from Probability Theory and Statistics*, N.S. Barnett and Sever S. Dragomir (Eds.), Nova Science Publishers, Inc. New York, 1-79. ISBN: 1-60021-943-8
4. P. CERONE and S.S. DRAGOMIR, A Survey on Bounds for the Gini Mean Difference, in *Advances in Inequalities from Probability Theory and Statistics*, N.S. Barnett and Sever S. Dragomir (Eds.), Nova Science Publishers, Inc. New York, 81-111. ISBN: 1-60021-943-8
5. S.S. DRAGOMIR, Reverses of the Schwarz inequality in inner product spaces and applications, in *Inequalities and Applications*, Th.M. Rassias and D. Andrica (Eds.), Cluj University Press. ISBN: 978-973-610-793-1
6. S. ABRAMOVICH and S.S. DRAGOMIR, Normalized Jensen functional, Superquadracity and Related Inequalities, in *Inequalities and Applications: Conference on Inequalities and Applications*, Noszvaj (Hungary), September 2007, C. Bandle, A. Gilányi, L. Losonczi, Zs. Páles and M. Plum (Eds.), Birkhäuser Verlag, Basel/Switzerland, 217-228. ISBN: 978-376-438-772-3
7. S.S. DRAGOMIR, Inequalities for the Norm and Numerical Radius of Composite Operators in Hilbert Spaces, in *Inequalities and Applications: Conference on Inequalities and Applications*, Noszvaj (Hungary), September 2007, C. Bandle, A. Gilányi, L. Losonczi, Zs. Páles and M. Plum (Eds.), Birkhäuser Verlag, Basel/Switzerland, 135-146. ISBN: 978-376-438-772-3

### 5.4.2 2007

1. N.S. BARNETT and S.S. DRAGOMIR, Some remarks on the noiseless coding theorem, in *Inequality Theory and Applications*, Vol. 4, Y.J. Cho,

- J.K. Kim and S.S. Dragomir (Eds.), Nova Science Publishers, Inc. New York, 11-14. ISBN: 1-59454-874-9
2. S.S. DRAGOMIR and A.C. GOSA, A generalisation of an Ostrowski inequality in inner product spaces, in *Inequality Theory and Applications*, Vol. 4, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Science Publishers, Inc. New York, 61-64. ISBN: 1-59454-874-9.
  3. N.S. BARNETT and S.S. DRAGOMIR, A perturbed trapezoid inequality in terms of the third derivative and applications, in *Inequality Theory and Applications*, Vol. 5, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Science Publishers, Inc. New York, 1-11. ISBN: 1-59454-875-7
  4. P. CERONE and S.S. DRAGOMIR, Stolarsky and Gini divergence measures in information theory, in *Inequality Theory and Applications*, Vol. 4, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Science Publishers, Inc. New York, 33-43. ISBN: 1-59454-875-7
  5. N.M. DRAGOMIR, S.S. DRAGOMIR and G.W. BAXTER, An approximation of Hankel transform for the functions of bounded variation, in *Inequality Theory and Applications*, Vol. 4, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Science Publishers, Inc. New York, 81-89. ISBN: 1-59454-875-7
  6. S.S. DRAGOMIR, Grüss type discrete inequalities in inner product spaces, revisited, in *Inequality Theory and Applications*, Vol. 4, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Science Publishers, Inc. New York, 61-69. ISBN: 1-59454-875-7
  7. S.S. DRAGOMIR, J.E. PEČARIĆ and B. TEPES, Note on integral version of the Grüss inequality for complex functions, in *Inequality Theory and Applications*, Vol. 4, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Science Publishers, Inc. New York, 91-96. ISBN: 1-59454-875-7
  8. S.S. DRAGOMIR, Y.J. CHO and Y.H. KIM, On the trapezoid inequality for the Riemann-Stieltjes integral with Hölder continuous integrands and bounded variation integrators, in *Inequality Theory and Applications*, Vol. 4, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Science Publishers, Inc. New York, 71-79. ISBN: 1-59454-875-7

### 5.4.3 2004

1. N.S. BARNETT and S.S. DRAGOMIR, Perturbed version of a general trapezoid inequality, in *Inequality Theory and Applications*, Vol. 3, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Science Publishers, Inc. New York, 2004, p. 1-12. ISBN 1-59033-891-X
2. P. CERONE and S.S. DRAGOMIR, Perturbed three-point rules, in *Inequality Theory and Applications*, Vol. 3, Y.J. Cho, J.K. Kim and S.S.

- Dragomir (Eds.), Nova Science Publishers, Inc. New York, 2004, p. 13–56. ISBN 1-59033-891-X
3. P. CERONE and S.S. DRAGOMIR, Three-point inequalities from Riemann-Stieltjes integrals, in *Inequality Theory and Applications*, Vol. 3, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Science Publishers, Inc. New York, 2004, p. 57–84. ISBN 1-59033-891-X
  4. N.M. DRAGOMIR, S.S. DRAGOMIR, P.M. FARRELL and G.W. BAXTER, A quadrature rule for the finite Hilbert transform via midpoint type inequalities, in *Fixed Point Theory and Applications*, Vol. 5, Y.J. Cho (Ed.), Nova Science Publishers, Inc. New York, 2004, p. 11–22. ISBN 1-59033-890-1
  5. S.S. DRAGOMIR, Some reverses of the Cauchy-Bunyakovsky-Schwarz inequality for real or complex numbers, in *V.R. Bunyakovsky 200 Anniversary Volume*, Mathematical Institute of the Ukrainian Academy, Kiev, 2004, ISBN 966-02-3380-9, pp. 101–130.

#### 5.4.4 2003

1. N.S. BARNETT, P. CERONE and S.S. DRAGOMIR, Some new inequalities for Hermite-Hadamard divergence in information theory, in *Stochastic Analysis and Applications*, Vol. 3, Y.J. Cho, J.K. Kim and Y.K. Choi (Eds.), Nova Sciences Publ. Inc., 2003, p. 7–20.
2. N.S. BARNETT, P. CERONE, S.S. DRAGOMIR, M.R. PINHEIRO and A. SOFO, Ostrowski type inequalities for functions whose modulus of the derivative are convex and applications, in *Inequalities Theory and Applications*, Vol. 2, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Sciences Publ. Inc., 2003, p. 19–32.
3. N.S. BARNETT, F.C. St. Cirstea and S.S. DRAGOMIR, Some inequalities for the integral means of Hölder continuous functions defined on disks in a plane, in *Inequalities Theory and Applications*, Vol. 2, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Sciences Publ. Inc., 2003, p. 7–18.
4. N.S. BARNETT and S.S. DRAGOMIR, Perturbed version of a general trapezoid inequality, in *Inequalities Theory and Applications*, Vol. 3, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Sciences Publ. Inc., 2003, p. 1–12.
5. P. CERONE and S.S. DRAGOMIR, Perturbed three-point rules, in *Inequalities Theory and Applications*, Vol. 3, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Sciences Publ. Inc., 2003, p. 13–56.
6. P. CERONE and S.S. DRAGOMIR, Three-point inequalities from Riemann-Stieltjes integrals, in *Inequalities Theory and Applications*, Vol. 3, Y.J.

- Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Sciences Publ. Inc., 2003, p. 57–84.
7. P. CERONE and S.S. DRAGOMIR, Three-point rules and applications for absolutely continuous functions, in *Inequalities Theory and Applications*, Vol. 2, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Sciences Publ. Inc., 2003, p. 53–78.
  8. S.S. DRAGOMIR, The median principle for inequalities and applications, in *Functional Equations, Inequalities and Applications*, Th.M. Rassias (Ed.), Kluwer Academic Publishers, 2003, p. 21–37.
  9. S.S. DRAGOMIR, Y.J. CHO and S.S. KIM, An approximation for the Fourier transform of Lebesgue integrable mappings, in *Fixed Point Theory and Applications*, Vol. 4, Y.J. Cho, J.K. Kim and S. M. Kang (Eds.), Nova Science Publishers, Inc. New York, 2003, p. 67–74.
  10. S.S. DRAGOMIR and N. DIAMOND, A discrete Grüss type inequality and applications for the moments of random variables and guessing mappings, in *Stochastic Analysis and Applications*, Vol. 3, Y.J. Cho, J.K. Kim and Y.K. Choi (Eds.), Nova Sciences Publ. Inc., 2003, p. 21–36.
  11. S.S. DRAGOMIR and E. HUNT, On some variants of Jensen’s inequality, in *Inequalities Theory and Applications*, Vol. 3, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Sciences Publ. Inc., p. 103–108.
  12. S.S. DRAGOMIR and A. SOFO, An integral inequality related to the Ostrowski result and applications, in *Inequalities Theory and Applications*, Vol. 3, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Sciences Publ. Inc., p. 91–102.
  13. G. HANNA and S.S. DRAGOMIR, Some Ostrowski type inequalities for double integrals of functions whose partial derivatives satisfy certain convexity properties, in *Inequalities Theory and Applications*, Vol. 3, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Sciences Publ. Inc., p. 113–126.
  14. C.E.M. PEARCE, S.S. DRAGOMIR and D. COMANESCU, Geometric means, index mappings and supermultiplicativity, in *Inequalities Theory and Applications*, Vol. 3, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Sciences Publ. Inc., p. 193–201.

#### 5.4.5 2002

1. N.S. BARNETT, P. CERONE and S.S. DRAGOMIR, Ostrowski type inequalities for multiple integrals, in *Ostrowski Type Inequalities and Applications in Numerical Integration*, Kluwer Academic Publishers, Dordrecht, 2002, p. 285–330.



2. N.S. BARNETT, P. CERONE, S.S. DRAGOMIR and J. Roumeliotis, Approximating Csiszàr  $f$ -divergence via two integral identities and applications, in *Stochastic Analysis and Applications - Volume 2*, Y.J. Cho, J.K. Kim and Y.K. Choi (Eds.), Nova Science Publishers, Inc., Huntington, New York, 2002, p. 1–18.
3. N.S. BARNETT, P. CERONE, S.S. DRAGOMIR and A. SOFO, Approximating Csiszàr  $f$ -divergence via an Ostrowski type identity for  $n$ -time differentiable functions, in *Stochastic Analysis and Applications - Volume 2*, Y.J. Cho, J.K. Kim and Y.K. Choi (Eds.), Nova Science Publishers, Inc., Huntington, New York, 2002, p. 19–30.
4. N.S. BARNETT and S.S. DRAGOMIR, Some elementary inequalities for the expectation and variance of a random variable whose PDF is defined on a finite interval, in *Stochastic Analysis and Applications - Volume 2*, Y.J. Cho, J.K. Kim and Y.K. Choi (Eds.), Nova Science Publishers, Inc., Huntington, New York, 2002, p. 31–38.
5. P. CERONE and S.S. DRAGOMIR, New bounds for the three-point rule involving the Riemann-Stieltjes integral, in *Advances in Statistics, Combinatorics and Related Areas*, Chandra Gulati, Yan-Xia Lin, Satya Mishra and John Rayner (Eds.), World Scientific Publishers, New Jersey - London - Singapore - Hong Kong, 2002, p. 53–62.
6. P. CERONE and S.S. DRAGOMIR, Three point quadrature rules, in *Ostrowski Type Inequalities and Applications in Numerical Integration*, Kluwer Academic Publishers, Dordrecht, 2002, p. 141–250.
7. S.S. DRAGOMIR, Approximating the Cauchy Principle Value Integral via Hermite-Hadamard type inequalities, in *Advances in Statistics, Combinatorics and Related Areas*, Chandra Gulati, Yan-Xia Lin, Satya Mishra and John Rayner (Eds.), World Scientific Publishers, New Jersey - London - Singapore - Hong Kong, 2002, p. 84–90.
8. S.S. DRAGOMIR and Th. M. RASSIAS, Generalisations of Ostrowski inequality and applications, in *Ostrowski Type Inequalities and Applications in Numerical Integration*, Kluwer Academic Publishers, Dordrecht, 2002, p. 1–64.
9. S.S. DRAGOMIR and Th. M. RASSIAS, Some inequalities for Riemann-Stieltjes integral, in *Ostrowski Type Inequalities and Applications in Numerical Integration*, Kluwer Academic Publishers, Dordrecht, 2002, p. 417–478.

#### 5.4.6 2001

1. N.S. BARNETT, P. CERONE, S.S. DRAGOMIR, J. ROUMELIOTIS and A. SOFO, A survey on Ostrowski type inequalities for twice differentiable

- mappings and applications, in *Inequality Theory and Applications* - Volume 1, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Science Publishers, Inc., Huntington, New York, 2001, p. 33–86.
2. N.M. DRAGOMIR and S.S. DRAGOMIR, Some inequalities for the finite Hilbert transform, in *Inequality Theory and Applications* - Volume 1, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Science Publishers, Inc., Huntington, New York, 2001, p. 113–122.
  3. S.S. DRAGOMIR and V. GLUŠCEVIĆ, New estimates for the Kullback-Leibler distance and applications, in *Inequality Theory and Applications* - Volume 1, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Science Publishers, Inc., Huntington, New York, 2001, p. 123–138.
  4. S.S. DRAGOMIR, V. GLUŠCEVIĆ and C.E.M. PEARCE, Approximations for the Csiszàr  $f$ -divergence via midpoint inequalities, in *Inequality Theory and Applications* - Volume 1, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Science Publishers, Inc., Huntington, New York, 2001, p. 139–154.
  5. S.S. DRAGOMIR, V. GLUŠCEVIĆ and C.E.M. PEARCE, The approximation of Csiszàr  $f$ -divergence for absolutely continuous mappings, in *Inequality Theory and Applications* - Volume 1, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Science Publishers, Inc., Huntington, New York, 2001, p. 155–170.
  6. S.S. DRAGOMIR, V. GLUŠCEVIĆ and C.E.M. PEARCE, The approximation of Csiszàr  $f$ -divergence for mappings of bounded variation, in *Inequality Theory and Applications* - Volume 1, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Science Publishers, Inc., Huntington, New York, 2001, p. 171–182.
  7. S.S. DRAGOMIR and S.S. KIM, Inequalities involving Gram's determinant in 2-inner product spaces, in *Inequality Theory and Applications* - Volume 1, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Science Publishers, Inc., Huntington, New York, 2001, p. 183–192.
  8. S.S. DRAGOMIR, C.E.M. PEARCE and J. SUNDE, Some refinements of Jensen's inequality with applications to means and entropy, in *Applicable Mathematics*, J.C. Misra (Ed.), Narosa Publishing House, New Delhi, Chennai, Mumbai and Calcutta, 2001, p. 98–105.
  9. A. SOFO and S.S. DRAGOMIR, An Ostrowski-Grüss type inequality for twice differentiable mappings using a multi-branch Peano kernel, in *Inequality Theory and Applications* - Volume 1, Y.J. Cho, J.K. Kim and S.S. Dragomir (Eds.), Nova Science Publishers, Inc., Huntington, New York, 2001, p. 281–294.

**5.4.7 2000**

1. P. CERONE and S.S. DRAGOMIR, Midpoint-type rules from an inequalities point of view, *Handbook of Analytic-Computational Methods in Applied Mathematics*, Editor: G. Anastassiou, CRC Press, N.Y., 2000, p. 135–200.
2. P. CERONE and S.S. DRAGOMIR, Trapezoidal-type rules from an inequalities point of view, *Handbook of Analytic-Computational Methods in Applied Mathematics*, Editor: G. Anastassiou, CRC Press, N.Y., 2000, 65–134.
3. S.S. DRAGOMIR, Some inequalities for Riemann-Stieltjes integral and applications, in *Optimisation and Related Topics*, A. Rubinov and B. Glover (Eds.), Kluwer Academic Publishers, 2000, p. 197–235.

**5.5 Papers in Scholarly Journals****5.5.1 2009**

1. N.S. BARNETT, W.-S. CHEUNG, S.S. DRAGOMIR and A. SOFO, Ostrowski and trapezoid type inequalities for the Stieltjes integral with Lipschitzian integrands or integrators, *Comput. Math. Appl.*, **57**(2) (2009), 195–201.
2. N.S. BARNETT, P. CERONE and S.S. DRAGOMIR, Majorisation inequalities for Stieltjes integrals, *Appl. Math. Lett.*, **22**(3) (2009), 416–421.
3. N.S. BARNETT and S.S. DRAGOMIR, The Beesack-Darst-Pollard inequalities and approximations of the Riemann-Stieltjes integral, *Appl. Math. Lett.*, **22**(1) (2009), 58–63.
4. P. CERONE and S.S. DRAGOMIR, Approximating the Riemann-Stieltjes integral via some moments of the integrand, *Math. Comput. Modelling*, **49**(1-2) (2009), 242–248.
5. P. CERONE and S.S. DRAGOMIR, Bounds for the  $r$ -weighted Gini mean difference of an empirical distribution, *Math. Comput. Modelling*, **49**(1-2) (2009), 180–188.
6. S.S. DRAGOMIR, Generalization of the Pečarić-Rajić inequality in normed linear spaces, *Math. Inequal. Appl.*, **12**(1) (2009), 53–65.
7. S.S. DRAGOMIR, Inequalities for the  $p$ -angular distance in normed linear spaces, *Math. Inequal. Appl.*, **12**(2) (2009), 391–401.
8. S.S. DRAGOMIR, M.S. MOSLEHIAN and J. SÁNDOR,  $Q$ -norm inequalities for sequences of Hilbert space operators, *J. Math. Inequal.*, **3**(1) (2009), 1–14.

9. FENG QI, P. CERONE, S.S. DRAGOMIR and H.M. SRIVASTAVA, Alternative proofs for monotonic and logarithmically convex properties of one-parameter mean values, *Appl. Math. Comput.*, **208**(1) (2009), 129–133.

### 5.5.2 2008

1. N.S. BARNETT and S.S. DRAGOMIR, An additive reverse of the Cauchy-Bunyakovsky-Schwarz integral inequality, *Applied Math. Letters*, **21** (2008), 388–393.
2. N.S. BARNETT and S.S. DRAGOMIR, On an Inequality of the Lupas type, *Demonstratio Mathematica*, **XLI**(1) (2008), 57–62.
3. N.S. BARNETT and S.S. DRAGOMIR, Some new inequalities for convex functions with applications in normed spaces, *Math. Inequal. Appl.*, **11**(4) (2008), 667–678.
4. I. BRNETIĆ, S.S. DRAGOMIR, R. HOXHA and J. PEČARIĆ, Reverses of the CBS integral inequality in Hilbert spaces and related results, *Aust. J. Math. Anal. Appl.*, **5**(2) (2008), Art. 7, 10 pp.
5. C. BUSE, A.D.R. CHOUDARY, S.S. DRAGOMIR and M.S. PRAJEA, On uniform exponential stability of exponentially bounded evolution families, *Integral Equations Operator Theory*, **61**(3) (2008), 325–340.
6. P. CERONE and S.S. DRAGOMIR, Inequalities for Dirichlet series with positive terms, *Acta Math. Vietnam.*, **33**(1) (2008), 65–84.
7. Y.J. CHO, S.S. DRAGOMIR, C.S. LIN, S.S. KIM and Y.H. KIM, Some Pečarić's type inequalities in 2-inner product spaces and applications, *Taiwanese Journal of Mathematics*, **12**(2) (2008), 357–372.
8. F.C. CIRSTEA and S.S. DRAGOMIR, Representation of multivariate functions via the potential theory and applications to inequalities, *Journal of Inequalities and Applications*, 2008
9. S.S. DRAGOMIR, Approximating real functions which possess  $n$ -th derivatives of bounded variation and applications, *Comput. Math. Appl.*, **56**(9) (2008), 2268–2278.
10. S.S. DRAGOMIR, Approximating the Stieltjes integral for  $(\phi, \Phi)$ -Lipschitzian integrators, *Bull. Austral. Math. Soc.*, **77** (2008), 73–90
11. S.S. DRAGOMIR, A sharp bound of the Čebyšev functional for the Riemann-Stieltjes and applications, *Journal of Inequalities and Applications*, 2008
12. S.S. DRAGOMIR, Bounds for some perturbed Čebyšev functionals, *Journal of Inequalities in Pure and Applied Mathematics*, **9**(3) (2008), art. 64.

13. S.S. DRAGOMIR, Bounds for the deviation of a function from the chord generated by its extremities, *Bull. Aust. Math. Soc.*, **78**(2) (2008), 225–248.
14. S.S. DRAGOMIR, Inequalities for superadditive functionals with applications, *Bull. Aust. Math. Soc.*, **77**(3) (2008), 401–411.
15. S.S. DRAGOMIR, Inequalities for the numerical radius, the norm and the maximum of the real part of bounded linear operators in Hilbert spaces, *Linear Algebra and its Applications*, **428** (2008), 2980–2994.
16. S.S. DRAGOMIR, New inequalities of the Kantorovich type for bounded linear operators in Hilbert spaces, *Linear Algebra and its Applications*, **428** (2008), 2750–2760.
17. S.S. DRAGOMIR, Norm and numerical radius inequalities for a product of two linear operators in Hilbert spaces, *J. Math. Inequal.*, **2**(4) (2008), 499–510.
18. S.S. DRAGOMIR, On some inequalities in normed algebras, *J. Inequal. Pure Appl. Math.*, **9**(1) (2008), Art. 5, 9 pp.
19. S.S. DRAGOMIR, Refinements of the continuous triangle inequality for the Bochner integral in Hilbert spaces, *Asian-Eur. J. Math.*, **1**(4) (2008), 521–533.
20. S.S. DRAGOMIR, Refinements of the generalised trapezoid and Ostrowski inequalities for functions of bounded variation, *Arch. Math. (Basel)*, **91**(5) (2008), 450–460.
21. S.S. DRAGOMIR, Some inequalities for the norm and the numerical radius of linear operators in Hilbert spaces, *Tamkang Journal of Mathematics*, **39**(4) (2008), 291–301.
22. S.S. DRAGOMIR, Some inequalities of the Grüss type for the numerical radius of bounded linear operators in Hilbert spaces, *J. Inequal. Appl.*, 2008, Art. ID 763102, 9 pp.
23. S.S. DRAGOMIR, Upper bounds for the Euclidean Operator radius and applications, *J. Inequal. Appl.*, 2008.
24. S.S. DRAGOMIR, YEOL JE CHO, SEONG SIK KIM and YOUNG-HO KIM, On Bessel's and Grüss inequalities for orthonormal families in 2-inner product spaces and applications, *Kyungpook Math. J.*, **48**(2) (2008), 207–222.
25. S.S. DRAGOMIR and D. COMANESCU, On the Torricellian point in inner product spaces, *Demonstratio Mathematica*, **XLI**(3) (2008), 639–650.

26. S.S. DRAGOMIR and M.S. MOSLEHIAN, Some inequalities for  $(\alpha, \beta)$ -normal operators in Hilbert spaces, *Facta Universitatis (Nis)*, **23** (2008), 39–47.
27. S.S. DRAGOMIR and A. SOFO, On some inequalities of the Cauchy-Bunyakovsky-Schwarz type and applications, *Tamkang Journal of Mathematics*, **39**(4) (2008), 291–301.
28. S.S. DRAGOMIR and A. SOFO, Anthony Trapezoidal type inequalities for  $n$ -time differentiable functions, *J. Appl. Math. Comput.*, **28**(1-2) (2008), 367–379.
29. E. KIKIANTY, S.S. DRAGOMIR and P. CERONE, Ostrowski type inequality for absolutely continuous functions on segments in linear spaces, *Bull. Korean Math. Soc.*, **45**(4) (2008), 763–780.
30. E. KIKIANTY, S.S. DRAGOMIR and P. CERONE, Sharp inequalities of Ostrowski type for convex functions defined on linear spaces and application, *Comput. Math. Appl.*, **56**(9) (2008), 2235–2246.
31. SEONG SIK KIM, YEOL JE CHO and S.S. DRAGOMIR, Some inequalities for Gram's determinants and applications, *Panamer. Math. J.*, **18**(1) (2008), 89–97.
32. SEONG SIK KIM, YEOL JE CHO and S.S. DRAGOMIR, Some related results for Bessel's type inequalities in 2-inner product spaces and applications, *Panamer. Math. J.*, **18**(3) (2008), 69–82.
33. KUEI-LIN TSENG, SHIOW RU HWANG and S.S. DRAGOMIR, Generalizations of weighted Ostrowski type inequalities for mappings of bounded variation and their applications, *Comput. Math. Appl.*, **55**(8) (2008), 1785–1793.
34. KUEI-LIN TSENG, G.-S. YANG and S.S. DRAGOMIR, On quasi convex functions and Hadamard's inequality, *Demonstratio Math.*, **41**(2) (2008), 323–336.

### 5.5.3 2007

1. N.S. BARNETT and S.S. DRAGOMIR, Bounds for the Čebyšev functional of a convex and a bounded function, *Gen. Math.*, **15**(1) (2007), 59–66.
2. N.S. BARNETT and S.S. DRAGOMIR, On the weighted Ostrowski inequality, *JIPAM. J. Inequal. Pure Appl. Math.*, **8**(4) (2007), Article 96, 10 pp.
3. N.S. BARNETT, P. CERONE, S.S. DRAGOMIR and C. BUŞE, Some Grüss type inequalities for vector-valued functions in Banach spaces and applications, *Tamsui Oxf. J. Math. Sci.*, **23**(1) (2007), 91–103.

4. P. CERONE, W.-S. CHEUNG and S.S. DRAGOMIR, On Ostrowski type inequalities for Stieltjes integrals with absolutely continuous integrands and integrators of bounded variation, *Comput. Math. Appl.*, **54**(2) (2007), 183–191.
5. P. CERONE and S.S. DRAGOMIR, Bounds for the Gini mean difference of continuous distributions defined on finite intervals. I, *Appl. Math. Lett.*, **20**(7) (2007), 782–789.
6. W.-S. CHEUNG and S.S. DRAGOMIR, Two Ostrowski type inequalities for the Stieltjes integral of monotonic functions, *Bull. Austral. Math. Soc.*, **75**(2) (2007), 299–311.
7. P. CERONE and S.S. DRAGOMIR, Some applications of de Bruijn’s inequality for power series, *Integral Transforms Spec. Funct.*, **18**(5-6) (2007), 387–396.
8. P. CERONE and S.S. DRAGOMIR, A refinement of the Grüss inequality and applications, *Tamkang J. Math.*, **38**(1) (2007), 37–49.
9. S.S. DRAGOMIR, A generalisation of Cerone’s identity and applications, *Tamsui Oxf. J. Math. Sci.*, **23**(1) (2007), 79-90.
10. S.S. DRAGOMIR, A survey on inequalities for Hermitian forms, *Tamsui Oxf. J. Math. Sci.*, **23**(1) (2007), 1–40.
11. S.S. DRAGOMIR, A survey of some recent inequalities for the norm and numerical radius of operators in Hilbert spaces, *Banach J. Math. Anal.*, **1**(2) (2007), 154–175.
12. S.S. DRAGOMIR, Approximating the Stieltjes integral of bounded functions and applications for three point quadrature rules, *Bull. Korean Math. Soc.*, **44**(3) (2007), 523–536.
13. S.S. DRAGOMIR, Inequalities for normal operators in Hilbert spaces, *Appl. Anal. Discrete Math.*, **1**(1) (2007), 92–110.
14. S.S. DRAGOMIR, Inequalities for Stieltjes integrals with convex integrators and applications, *Appl. Math. Lett.*, **20**(2) (2007), 123–130.
15. S.S. DRAGOMIR, Inequalities for the norm and the numerical radius of linear operators in Hilbert spaces, *Demonstratio Math.*, **40**(2) (2007), 411–417.
16. S.S. DRAGOMIR, Norm and numerical radius inequalities for sums of bounded linear operators in Hilbert spaces, *Facta Univ. Ser. Math. Inform.*, **22**(1) (2007), 61–75.
17. S.S. DRAGOMIR, Reverses of the continuous triangle inequality for Bochner integral in complex Hilbert spaces, *J. Math. Anal. Appl.*, **329**(1) (2007), 65–76.

18. S.S. DRAGOMIR, Sharp Grüss-type inequalities for functions whose derivatives are of bounded variation, *JIPAM. J. Inequal. Pure Appl. Math.*, **8**(4) (2007) Article 117, 13 pp.
19. S.S. DRAGOMIR, The hypo-Euclidean norm of an  $n$ -tuple of vectors in inner product spaces and applications, *JIPAM. J. Inequal. Pure Appl. Math.*, **8**(2) (2007), Article 52, 22 pp.
20. S.S. DRAGOMIR and A. SOFO, Approximating the Stieltjes integral via the Darst-Pollard inequality, *Filomat*, **21**(2) (2007), 63–75.
21. KUEI-LIN TSENG, SHIOW RU HWANG and S.S. DRAGOMIR, On some new inequalities of Hermite-Hadamard-Fejér type involving convex functions, *Demonstratio Math.*, **40**(1) (2007), 51–64.
22. KUEI-LIN TSENG, GOU-SHENG YANG and S.S. DRAGOMIR, Generalizations of a weighted trapezoidal inequality for monotonic functions and applications, *ANZIAM J.*, **48**(4) (2007), 553–566.
23. KUEI-LIN TSENG, GOU-SHENG YANG and S.S. DRAGOMIR, On weighted Simpson type inequalities and applications, *J. Math. Inequal.*, **1**(1) (2007), 13–22.

#### 5.5.4 2006

1. N.S. BARNETT and S.S. DRAGOMIR, Applications of Ostrowski's version of the Grüss inequality for trapezoid type rules, *Tamkang J. Math.*, **37**(2) (2006), 163–173.
2. N.S. BARNETT and S.S. DRAGOMIR, Integral inequalities on infinite intervals, *Demonstratio Math.*, **39**(3) (2006), 507–514.
3. N.S. BARNETT and S.S. DRAGOMIR, Some inequalities for a singular integral, *J. Indones. Math. Soc. (MIHMI)*, **12**(2) (2006), 175–183.
4. N.S. BARNETT and S.S. DRAGOMIR, Some Landau type inequalities for functions whose derivatives are of locally bounded variation, *Tamkang J. Math.*, **37**(4) (2006), 301–308.
5. I. BRNETIĆ, S. S. DRAGOMIR, R. HOXHA and J. PEČARIĆ, A reverse of the triangle inequality in inner product spaces and applications for polynomials, *Aust. J. Math. Anal. Appl.*, **3**(2) (2006), Art. 9.
6. C. BUŞE, N.S. BARNETT, P. CERONE and S.S. DRAGOMIR, Integral characterizations for exponential stability of semigroups and evolution families on Banach spaces, *Bull. Belg. Math. Soc. Simon Stevin*, **13**(2) (2006), 345–353.



7. C. BUŞE, P. CERONE, S.S. DRAGOMIR and J. ROUMELIOTIS, A refinement of Grüss type inequality for the Bochner integral of vector-valued functions in Hilbert spaces and applications, *J. Korean Math. Soc.*, **43**(5) (2006), 911–929.
8. P. CERONE, Y.J. CHO, S.S. DRAGOMIR and S.S. KIM, Refinements of some reverses of Schwarz's inequality in 2-inner product spaces and applications for integrals, *J. Indones. Math. Soc. (MIHMI)*, **12**(2) (2006), 185–199.
9. P. CERONE and S.S. DRAGOMIR, Approximation of the Stieltjes integral and applications in numerical integration, *Appl. Math.*, **51**(1) (2006), 37–47.
10. P. CERONE and S.S. DRAGOMIR, Bounds for the Gini mean difference via the Korkine identity, *J. Appl. Math. Comput.*, **22**(3) (2006), 305–315.
11. P. CERONE and S.S. DRAGOMIR, Bounds for the Gini mean difference of an empirical distribution, *Appl. Math. Lett.*, **19**(3) (2006), 283–293.
12. P. CERONE and S.S. DRAGOMIR, Bounds for the Gini mean difference of continuous distributions defined on finite intervals (II), *Comp. and Math. Appl.*, **52** (2006), 1555–1562.
13. Y.J. CHO, S.S. DRAGOMIR and Y.-H. KIM, On some integral inequalities with iterated integrals, *J. Korean Math. Soc.*, **43**(3) (2006), 563–578.
14. S.S. DRAGOMIR, A counterpart of Bessel's inequality in inner product spaces and some Grüss type related results, *Bull. Korean Math. Soc.*, **43**(1) (2006), 27–41.
15. S.S. DRAGOMIR, A potpourri of Schwarz related inequalities in inner product spaces. II, *J. Inequal. Pure Appl. Math.*, **7**(1) (2006), Article 14.
16. S.S. DRAGOMIR, Additive reverses of the continuous triangle inequality for Bochner integral of vector-valued functions in Banach spaces, *East Asian Math. J.*, **22**(1) (2006), 17–34.
17. S.S. DRAGOMIR, Bessel type inequalities for non-orthonormal families of vectors in inner product spaces, *Riv. Mat. Univ. Parma*, (2)**5** (2006), 93–102.
18. S.S. DRAGOMIR, Bounds for the normalised Jensen functional, *Bull. Austral. Math. Soc.*, **74**(3) (2006), 471–478.
19. S.S. DRAGOMIR, Further reverses of the Schwarz inequality in inner product spaces, *East Asian Math. J.*, **22**(1) (2006), 1–15.
20. S.S. DRAGOMIR, Inequalities for orthonormal families of vectors in inner product spaces related to Buzano's, Richard's and Kurepa's results, *Tamkang J. Math.*, **37**(3) (2006), 227–235.

21. S.S. DRAGOMIR, Norm inequalities for sequences of operators related to the Schwarz inequality, *J. Inequal. Pure Appl. Math.*, **7**(3) (2006), Article 97.
22. S.S. DRAGOMIR, On Ostrowski like integral inequality for the Čebyšev difference and applications, *J. Comput. Anal. Appl.*, **8**(4) (2006), 379–388.
23. S.S. DRAGOMIR, Reverse inequalities for the numerical radius of linear operators in Hilbert spaces, *Bull. Austral. Math. Soc.*, **73**(2) (2006), 255–262.
24. S.S. DRAGOMIR, Reverses of the Cauchy-Bunyakovsky-Schwarz and Heisenberg integral inequalities for vector-valued functions in Hilbert spaces, *Acta Math. Vietnam.*, **31**(1) (2006), 1–15.
25. S.S. DRAGOMIR, Reverses of the Schwarz inequality generalising a Klamkin-McLenaghan result, *Bull. Austral. Math. Soc.*, **73**(1) (2006), 69–78.
26. S.S. DRAGOMIR, Reverses of the triangle inequality via Selberg's and Boas-Bellman's inequalities, *Facta Universitatis Nis, Ser. Math. Inform.*, **21** (2006), 29–39.
27. S.S. DRAGOMIR, Reversing the CBS-inequality for sequences of vectors in Hilbert spaces with applications. II, *Nonlinear Funct. Anal. Appl.*, **11**(2) (2006), 319–333.
28. S.S. DRAGOMIR, Some inequalities for functions of bounded variation with applications to Landau type results, *Filomat*, No. 20, part 1 (2006), 23–33.
29. S.S. DRAGOMIR, Some inequalities for normal operators in Hilbert spaces, *Acta Math. Vietnamica*, **31**(3) (2006), 291–300.
30. S.S. DRAGOMIR, Some inequalities for the Euclidean operator radius of two operators in Hilbert spaces, *Linear Algebra Appl.*, **419**(1) (2006), 256–264.
31. S.S. DRAGOMIR, Some Schwarz type inequalities for sequences of operators in Hilbert spaces, *Bull. Austral. Math. Soc.*, **73**(1) (2006), 17–26.
32. S.S. DRAGOMIR, Y.J. CHO, S.S. KIM and J. ROUMELIOTIS, A reverse of Bessel's inequality in 2-inner product spaces and some Grüss type related results with applications, *J. Appl. Math. Comput.*, **20**(1-2) (2006), 279–292.
33. S.S. DRAGOMIR and Y.-H. KIM, The strengthened Hardy inequalities and their new generalizations, *Filomat*, **20**(2) (2006), 39–49.

34. S.S. DRAGOMIR and A. SOFO, An inequality for monotonic functions generalizing Ostrowski and related results, *Comput. Math. Appl.*, **51**(3-4) (2006) , 497–506.
35. L. HE, S.S. DRAGOMIR and Q. YANG, A further generalization of Hardy-Hilbert's integral inequality with parameter and applications, *J. Appl. Anal.*, **12**(1) (2006), 59–70.
36. G.H. KIM and S.S. DRAGOMIR, On the stability of generalized d'Alembert and Jensen functional equations, *Int. J. Math. Math. Sci.*, **2006**, Art. ID 43185, 12 pp.
37. C.-S. LIN and S.S. DRAGOMIR, On high-power operator inequalities and spectral radii of operators, *Publ. Res. Inst. Math. Sci.*, **42**(2) (2006), 391–397.
38. C. PREDA, S.S. DRAGOMIR and C. CHILARESCU, On the uniform exponential stability of evolution families in terms of the admissibility of an Orlicz sequence space, *J. Concr. Appl. Math.*, **4**(3) (2006), 253–265.

### 5.5.5 2005

1. R.P. AGARWAL, N.S. BARNETT, P. CERONE and S.S. DRAGOMIR, A survey on some inequalities for expectation and variance, *Comput. Math. Appl.*, **49**(2-3) (2005), 429–480.
2. C. BUŞE, P. CERONE, S.S. DRAGOMIR and A. SOFO, Uniform stability of periodic discrete systems in Banach spaces, *J. Difference Equ. Appl.*, **11**(12) (2005), 1081–1088.
3. P. CERONE and S.S. DRAGOMIR, Approximation of the integral mean divergence and  $f$ -divergence via mean results, *Math. Comput. Modelling*, **42**(1-2) (2005), 207–219.
4. P. CERONE and S.S. DRAGOMIR, Bounds for the Gini mean difference via the Sonin identity, *Comput. Math. Appl.*, **50**(3-4) (2005), 599–609.
5. P. CERONE and S.S. DRAGOMIR, New bounds for the Čebyšev functional, *Appl. Math. Lett.*, **18**(6) (2005), 603–611.
6. CHAO-PING CHEN, FENG QI and S.S. DRAGOMIR, Reverse of Martingales' inequality, *Aust. J. Math. Anal. Appl.*, **2**(1) (2005), Art. 2, 5 pp. (electronic).
7. S.S. DRAGOMIR, A generalisation of Kurepa's inequality, *Filomat*, **19** (2005), 7–17.
8. S.S. DRAGOMIR, A potpourri of Schwarz related inequalities in inner product spaces. I, *J. Inequal. Pure Appl. Math.*, **6**(3) (2005), Article 59, 15 pp. (electronic).

9. S.S. DRAGOMIR, A survey of recent reverses for the generalized triangle inequality in inner product spaces, *Kragujevac J. Math.*, **27** (2005), 101–143.
10. S.S. DRAGOMIR, Additive reverses of the generalized triangle inequality in normed spaces, *Acta Math. Vietnam.*, **30**(3) (2005), 261–274.
11. S.S. DRAGOMIR, An inequality of Ostrowski type via Pompeiu’s mean value theorem, *J. Inequal. Pure Appl. Math.*, **6**(3) (2005), Article 83, 9 pp. (electronic).
12. S.S. DRAGOMIR, An Ostrowski type inequality for convex functions, *Univ. Beograd. Publ. Elektrotehn. Fak. Ser. Mat.*, **16** (2005), 12–25.
13. S.S. DRAGOMIR, Bounding the Čebyšev functional for a pair of sequences in inner product spaces, *SUT J. Math.*, **41**(1) (2005), 11–29.
14. S.S. DRAGOMIR, Bounds for the distance to finite-dimensional subspaces, *Bull. Austral. Math. Soc.*, **72**(3) (2005), 337–347.
15. S.S. DRAGOMIR, Grüss type inequalities for forward difference of vectors in inner product spaces, *Gen. Math.*, **13**(2) (2005), 51–64.
16. S.S. DRAGOMIR, On Ostrowski like integral inequality for the Čebyšev difference and applications, *J. Comput. Anal. Appl.*, **7**(2) (2005), 113–122.
17. S.S. DRAGOMIR, On the Bombieri inequality in inner product spaces, *Libertas Math.*, **25** (2005), 13–26.
18. S.S. DRAGOMIR, Ostrowski type inequalities for functions defined on linear spaces and applications for semi-inner products, *J. Concr. Appl. Math.*, **3**(1) (2005), 91–103.
19. S.S. DRAGOMIR, Refinements of Buzano’s and Kurepa’s inequalities in inner product spaces, *Facta Univ. Ser. Math. Inform.*, **20** (2005), 65–73.
20. S.S. DRAGOMIR, Reverses of the continuous triangle inequality for Bochner integral of vector-valued functions in Hilbert spaces, *J. Inequal. Pure Appl. Math.*, **6**(2) (2005), Article 46, 10 pp. (electronic).
21. S.S. DRAGOMIR, Reverses of the triangle inequality in Banach spaces, *J. Inequal. Pure Appl. Math.*, **6**(5) (2005), Article 129, 46 pp. (electronic).
22. S.S. DRAGOMIR, Reversing the CBS-inequality for sequences of vectors in Hilbert spaces with applications. I, *Nonlinear Anal. Forum*, **10**(2) (2005), 201–218.
23. S.S. DRAGOMIR, Sharp error bounds of a quadrature rule with one multiple node for the finite Hilbert transform in some classes of continuous differentiable functions, *Taiwanese J. Math.*, **9**(1) (2005), 95–109.

24. S.S. DRAGOMIR, Some companions of Ostrowski's inequality for absolutely continuous functions and applications, *Bull. Korean Math. Soc.*, **42**(2) (2005), 213–230.
25. S.S. DRAGOMIR, Some discrete inequalities of Grüss type and applications in guessing theory, *RAD Hrvatske Akademije Znanostii i Umjetnosti*, **15** (2005), 13–22.
26. S.S. DRAGOMIR, Some general divergence measures for probability distributions, *Acta Math. Hungar.*, **109**(4) (2005), 331–345.
27. S.S. DRAGOMIR, Some new results related to Bessel and Grüss inequalities for orthogonal families in inner product spaces, *Southeast Asian Bull. Math.*, **29**(1) (2005), 69–84.
28. S.S. DRAGOMIR, Some Ostrowski type inequalities via Cauchy's mean value theorem, *New Zealand J. Math.*, **34**(1) (2005), 31–42.
29. S.S. DRAGOMIR, Some reverses of the generalised triangle inequality in complex inner product spaces, *Linear Algebra Appl.*, **402** (2005), 245–254.
30. S.S. DRAGOMIR, Y.J. CHO, S.M. KANG, S.S. KIM and J.S. JUNG, Some Grüss' type inequalities in 2-inner product spaces and applications for determinantal integral inequalities, *Panamer. Math. J.*, **15**(3) (2005), 79–94.
31. S.S. DRAGOMIR, Y.J. CHO and S.S. KIM, Some new results related to Bessel and Grüss inequalities in 2-inner product spaces and applications, *Bull. Korean Math. Soc.*, **42**(3) (2005), 591–608.
32. S.S. DRAGOMIR, Y.J. CHO, S.S. KIM and A. SOFO, Some Boas-Bellman type inequalities in 2-inner product spaces, *J. Inequal. Pure Appl. Math.*, **6**(2) (2005), Article 55, 13 pp. (electronic).
33. S.S. DRAGOMIR and A.C. GOSA, An inequality in metric spaces, *J. Indones. Math. Soc.*, **11**(1) (2005), 33–38.
34. S.S. DRAGOMIR, G. HANNA and J. ROUMELIOTIS, A reverse of the Cauchy-Bunyakovsky-Schwarz integral inequality for complex-valued functions and applications for Fourier transform, *Bull. Korean Math. Soc.*, **42**(4) (2005), 725–738.
35. S.S. DRAGOMIR and A. McANDREW, Refinements of the Hermite-Hadamard inequality for convex functions, *J. Inequal. Pure Appl. Math.*, **6**(5) (2005), Article 140, 6 pp. (electronic).
36. R.W. FREESE, S.S. DRAGOMIR, Y.J. CHO and S.S. KIM, Some companions of Grüss inequality in 2-inner product spaces and applications for determinantal integral inequalities, *Commun. Korean Math. Soc.*, **20**(3) (2005), 487–503.

37. FENG QI, P. CERONE and S.S. DRAGOMIR, Some new Iyengar type inequalities, *Rocky Mountain J. Math.*, **35**(3) (2005), 997–1015.
38. FENG QI, J. SÁNDOR, S.S. DRAGOMIR and A. SOFO, Notes on the Schur-convexity of the extended mean values, *Taiwanese J. Math.*, **9**(3) (2005), 411–420.

### 5.5.6 2004

1. N.S. BARNETT and S.S. DRAGOMIR, Some further inequalities for univariate moments and some new ones for the covariance, *Comput. Math. Appl.*, **47**(1) (2004), 23–36.
2. N.S. BARNETT, S.S. DRAGOMIR and G. HANNA, Error estimates for approximating the Fourier transform of functions of bounded variation, *J. KSIAM.*, **8**(1) (2004), 31–40.
3. C. BUŞE and S.S. DRAGOMIR, A Kallman-Rota inequality for evolution semigroups, *Math. Inequal. Appl.*, **7**(1) (2004), 95–101.
4. P. CERONE, Y.J. CHO, S.S. DRAGOMIR, J.K. KIM and S.S. KIM, Norm estimates for the difference between Bochner's integral and the convex continuation of function's values, *Austral. J. Math. Anal. & Appl.*, **1**(2) (2004), Art. 8.
5. P. CERONE and S.S. DRAGOMIR, Chebychev functional bounds using Ostrowski seminorms, *Southeast Asian Bull. Math.*, **28**(2) (2004), 219–228.
6. P. CERONE and S.S. DRAGOMIR, Ostrowski type inequalities for functions whose derivatives satisfy certain convexity assumptions, *Demonstratio Math.*, **37**(2) (2004), 299–308.
7. P. CERONE, S.S. DRAGOMIR and F. ÖSTERREICHER, Bounds on extended  $f$ -divergences for a variety of classes, *Kybernetika* (Prague), **40**(6) (2004), 745–756.
8. N.M. DRAGOMIR, S.S. DRAGOMIR, Y.J. CHO and G.W. BAXTER, Approximations for the fiber refractive index profile, *Comput. Math. Appl.*, **48**(3-4) (2004), 481–495.
9. S.S. DRAGOMIR, A companion of the Grüss inequality and applications, *Appl. Math. Lett.*, **17**(4) (2004), 429–435.
10. S.S. DRAGOMIR, A converse inequality for the Csiszár  $\Phi$ -divergence, *Tamsui Oxford J. of Mathematical Sciences*, **20**(1) (2004), 35–53.
11. S.S. DRAGOMIR, A converse of the Jensen inequality for convex mappings of several variables and applications, *Acta Math. Vietnam.*, **29**(1) (2004), 77–88.

12. S.S. DRAGOMIR, A counterpart of Schwarz's inequality in inner product spaces, *East Asian Math. J.*, **20**(1) (2004), 1–10.
13. S.S. DRAGOMIR, Additive reverses of the continuous triangle inequality for Bochner integral of vector-valued functions in Hilbert spaces, *Analysis* (Münich), **24** (2004), 287–304.
14. S.S. DRAGOMIR, A generalised trapezoid type inequality for convex functions, *East Asian Math. J.*, **20**(1) (2004), 27–40.
15. S.S. DRAGOMIR, A Grüss type inequality for sequences of vectors in normed linear spaces and applications, *Tamsui Oxf. J. Math. Sci.*, **20**(2) (2004), 143–159.
16. S.S. DRAGOMIR, A sequence of mappings associated with the Hermite-Hadamard inequalities and applications, *Appl. Math.*, **49**(2) (2004), 123–140.
17. S.S. DRAGOMIR, Bounding the Chebyshev functional for sequences of vectors in normed linear spaces, *Filomat*, **18** (2004), 15–26.
18. S.S. DRAGOMIR, Generalizations of Precupanu's inequality for orthonormal families of vectors in inner product spaces, *Riv. Mat. Univ. Parma*, (7) **3** (2004), 49–60.
19. S.S. DRAGOMIR, Grüss type discrete inequalities in normed linear spaces, revisited, *Nonlinear Funct. Anal. Appl.*, **9**(4) (2004), 577–591.
20. S.S. DRAGOMIR, Inequalities of Grüss type for the Stieltjes integral and applications, *Kragujevac J. Math.*, **26** (2004), 89–122.
21. S.S. DRAGOMIR, New Chebyshev type inequalities for sequences of real numbers, *Rev. D'Anal. Num. Théor. Approx.*, **33**(1) (2004), 61–66.
22. S.S. DRAGOMIR, New estimates of the Čebyšev functional for Stieltjes integrals and applications, *J. Korean Math. Soc.*, **41**(2) (2004), 249–264.
23. S.S. DRAGOMIR, New reverses of Schwarz, triangle and Bessel inequalities in inner product spaces, *Austral. J. Math. Anal. & Applics.*, **1**(1) (2004), Article 1.
24. S.S. DRAGOMIR, On Bessel and Grüss inequalities for orthonormal families in inner product spaces, *Bull. Austral. Math. Soc.*, **69**(2) (2004), 327–340.
25. S.S. DRAGOMIR, On the Boas-Bellman inequality in inner product spaces, *Bull. Austral. Math. Soc.*, **69**(2) (2004), 217–225.
26. S.S. DRAGOMIR, On the Čebyšev's inequality for weighted means, *Acta Math. Hungar.*, **104**(4) (2004), 345–355.

27. S.S. DRAGOMIR, Quadratic reverses of the triangle inequality for Bochner integral in Hilbert spaces, *Bull. Austral. Math. Soc.*, **70**(3) (2004), 451–462.
28. S.S. DRAGOMIR, Refinements of the Schwarz and Heisenberg inequalities in Hilbert spaces, *J. Inequal. Pure Appl. Math.*, **5**(3) (2004), Article 60, 13 pp.
29. S.S. DRAGOMIR, Reverses of Schwarz, triangle and Bessel inequalities in inner product spaces, *J. Inequal. Pure & Appl. Math.*, **5**(3) (2004), Article 76.
30. S.S. DRAGOMIR, Reverses of the Cauchy- Bunyakovsky- Schwarz inequality for  $n$ -tuples of complex numbers, *Bull. Austral. Math. Soc.*, **69** (2004), 465–480.
31. S.S. DRAGOMIR, Reverses of the triangle inequality in inner product spaces, *Aust. J. Math. Anal. Appl.*, **1**(2) (2004), Art. 7, 14 pp. (electronic).
32. S.S. DRAGOMIR, Some Bombieri type inequalities in inner product spaces, *J. Indones. Math. Soc.*, **10**(2) (2004), 91–98.
33. S.S. DRAGOMIR, Some companions of Ostrowski's inequality for absolutely continuous functions and applications, *Facta Univ. Ser. Math. Inform.*, **19** (2004), 1–16.
34. S.S. DRAGOMIR, Some inequalities for the Csiszár  $f$ -divergence when  $f$  is an  $L$ -Lipschitzian function and applications, *Ital. J. Pure Appl. Math.*, **15** (2004), 57–76.
35. S.S. DRAGOMIR, Some majorisation type discrete inequalities for convex functions, *Math. Inequal. Appl.*, **7**(2) (2004), 207–216.
36. S.S. DRAGOMIR, The generalised integration by parts formula for Appell sequences and related results, *Commun. Korean Math. Soc.*, **19**(1) (2004), 75–92.
37. S.S. DRAGOMIR, J. DUTTA and A.M. RUBINOV, Hermite-Hadamard-type inequalities for increasing convex-along-rays functions, *Analysis* (Münich), **24**(2) (2004), 171–181.
38. S.S. DRAGOMIR and L. KHAN, Two discrete inequalities of Grüss type via Pólya-Szegő and Shisha-Mond results for real numbers, *Tamkang J. Math.*, **35**(2) (2004), 117–128.
39. S.S. DRAGOMIR, J.E. PEČARIĆ and B. TEPES, Pre-Grüss type inequalities in inner product spaces, *Nonlinear Funct. Anal. Appl.*, **9**(4) (2004), 627–639.



40. S.S. DRAGOMIR and I. PREDA, Some Landau type inequalities for functions whose derivatives are Hölder continuous, *Nonlinear Analysis Forum*, **9**(1) (2004), 25–31.
41. S.S. DRAGOMIR and F.P. SCARMOZZINO, A refinement of Jensen's discrete inequality for differentiable convex functions, *East Asian Math. J.*, **20**(2) (2004), 161–168.
42. K.L. TSENG, G.S. YANG and S.S. DRAGOMIR, Generalizations of weighted trapezoidal inequality for mappings of bounded variation and their applications, *Math. Comput. Modelling*, **40**(1-2) (2004), 77–84.
43. K.L. TSENG, G.S. YANG and S.S. DRAGOMIR, Hadamard inequalities for Wright-convex functions, *Demonstratio Math.*, **37**(3) (2004), 525–532.

### 5.5.7 2003

1. N.S. BARNETT, P. CERONE and S.S. DRAGOMIR, Further inequalities for the expectation and variance of a random variable defined on a finite interval, *Math. Inequal. Appl.*, **6**(1) (2003), 23–36.
2. N.S. BARNETT and S.S. DRAGOMIR, An identity for  $n$ -time differentiable functions and applications for Ostrowski type inequalities, *East Asian Math. J.*, **19**(2) (2003), 221–232.
3. N.S. BARNETT, S.S. DRAGOMIR and C.E.M. PEARCE, A quasi-trapezoid inequality for double integrals, *ANZIAM J.*, **44** (2003), 355–364.
4. P. CERONE and S.S. DRAGOMIR, Differences between means with bounds from a Riemann-Stieltjes integral, *Computers and Mathematics with Applications*, **46** (2003), 445–453.
5. P. CERONE and S.S. DRAGOMIR, On some inequalities arising from Montgomery's identity, *Journal of Computational Analysis and Applications*, **5**(4) (2003), 341–367.
6. P. CERONE, S.S. DRAGOMIR and J. ROUMELIOTIS, Grüss inequality in terms of  $\Delta$ -seminorms and applications, *Integral Transforms Spec. Funct.*, **14**(3) (2003), 205–216.
7. C.-P. CHEN, F. QI, P. CERONE and S.S. DRAGOMIR, Monotonicity of sequences involving convex and concave functions, *Math. Inequal. Appl.*, **6**(2) (2003), 229–239.
8. N.M. DRAGOMIR, S.S. DRAGOMIR, P.M. FARRELL and G.W. BAXTER, A quadrature rule for the finite Hilbert transform via trapezoid type inequalities, *Journal of Applied Mathematics and Computing*, **13**(1–2) (2003), 67–84.

9. S.S. DRAGOMIR, A generalisation of the Cassels and Greub-Reinboldt inequalities in inner product spaces, *Nonlinear Analysis Forum*, **8**(2) (2003), 169–178.
10. S.S. DRAGOMIR, A generalisation of Wagner’s inequality, *The Australian Mathematical Society Gazette*, **30**(4) (2003), 204–206.
11. S.S. DRAGOMIR, A generalized  $f$ -divergence for probability vectors and applications, *PanAmer. Math. J.*, **13**(4) (2003), 61–69.
12. S.S. DRAGOMIR, A Grüss related integral inequality and applications, *Nonlinear Analysis Forum*, **8**(1) (2003), 79–92.
13. S.S. DRAGOMIR, A Grüss type inequality for isotonic linear functionals and applications, *Demonstratio Mathematica*, **36**(3) (2003), 551–562.
14. S.S. DRAGOMIR, A refinement of Ostrowski’s inequality for the Čebyšev functional and applications, *Analysis (Münich)*, **23** (2003), 287–297.
15. S.S. DRAGOMIR, A survey on Cauchy-Bunyakovsky-Schwarz type discrete inequalities, *J. Inequal. Pure & Appl. Math.*, **4**(3) (2003), Article 63.
16. S.S. DRAGOMIR, A weighted Ostrowski type inequality for functions with values in Hilbert spaces and applications, *J. Korean Math. Soc.*, **40**(2) (2003), 207–224.
17. S.S. DRAGOMIR, An Ostrowski like inequality for convex functions and applications, *Revista Matematica Complutense*, **16**(2) (2003), 373–382.
18. S.S. DRAGOMIR, An inequality for logarithmic mapping and applications for the Shannon entropy, *Computers and Mathematics with Applications*, **46** (2003), 1273–1279.
19. S.S. DRAGOMIR, Bounds for  $f$ -divergences under likelihood ratio constraints, *Applications of Mathematics*, **48**(3) (2003), 205–223.
20. S.S. DRAGOMIR, Characterisation of best approximants from level sets of convex functions in normed linear spaces, *East Asian Math. J.*, **19**(2) (2003), 207–212.
21. S.S. DRAGOMIR, Further properties of some mappings associated with Hermite-Hadamard inequalities, *Tamkang J. Math.*, **34**(1) (2003), 45–57.
22. S.S. DRAGOMIR, Improvements of Ostrowski and generalised trapezoid inequality in terms of the upper and lower bounds of the first derivative, *Tamkang J. Math.*, **34**(3) (2003), 213–222.
23. S.S. DRAGOMIR, New inequalities for convex functions with applications for the  $n$ -entropy of a discrete random variable, *Journal of Concrete and Applicable Mathematics*, **1**(2) (2003), 165–182.

24. S.S. DRAGOMIR, New inequalities for Csiszár divergence and applications, *Acta Mathematica Vietnamica*, **28**(2) (2003), 123–134.
25. S.S. DRAGOMIR, On Pečarić's inequality in inner product spaces, *Mathematics Bulletin* (Macedonia), **27** (2003), 19–30.
26. S.S. DRAGOMIR, On the Čebyšev's inequality for unweighted means and applications, *East Asian Mathematical Journal*, **19**(1) (2003), 1–15.
27. S.S. DRAGOMIR, On the  $p$ -logarithmic and  $\alpha$ -power divergence measures in information theory, *PanAmerican Math. Journal*, **13**(3) (2003), 1–10.
28. S.S. DRAGOMIR, Sharp bounds of Čebyšev functional for Stieltjes integrals and applications, *Bull. Austral. Math. Soc.*, **67**(2) (2003), 257–266.
29. S.S. DRAGOMIR, Some companions of the Grüss inequality in inner product spaces, *J. Inequal. Pure & Appl. Math.*, **4**(5) (2003), Article 87.
30. S.S. DRAGOMIR, Some Grüss type inequalities in inner product spaces, *J. Inequal. Pure & Appl. Math.*, **4**(2) (2003), Article 42.
31. S.S. DRAGOMIR, Some inequalities for the Csiszár  $\Phi$ -divergence, *J. KSIAM*, **7**(1) (2003), 63–77.
32. S.S. DRAGOMIR, Some inequalities for the finite Hilbert Transform of a product, *Commun. Korean Math. Soc.*, **18**(1) (2003), 39–57.
33. S.S. DRAGOMIR, Some new inequalities of Ostrowski type, *The Australian Mathematical Society Gazette*, **30**(1) (2003), 25–30.
34. S.S. DRAGOMIR, N.S. BARNETT and P. CERONE, An Ostrowski type inequality for double integrals in terms of  $L_p$ -norms and applications in numerical integration, *Rev. D'Analyse Num. Théor. L'Approx.*, **32**(2) (2003), 161–169.
35. S.S. DRAGOMIR and N. DIAMOND, Integral inequalities of Grüss type via Pólya-Szegő and Shisha-Mond results, *East Asian Mathematical Journal*, **19**(1) (2003), 27–39.
36. S.S. DRAGOMIR and I. FEDOTOV, On numerical evaluation of the winding number of a plane vector field, *Bull. Math. Soc. Sc. Math. Roumanie*, **46**(94) (1–2) (2003), 61–70.
37. S.S. DRAGOMIR and I. GOMM, Some integral and discrete versions of the Grüss inequality for real and complex functions and sequences, *Tamsui Oxford Journal of Mathematical Sciences*, **19**(1) (2003), 67–77.
38. S.S. DRAGOMIR and Y.-H. KIM, Hilbert-Pachpatte type integral inequalities and their improvement, *J. Inequal. Pure & Appl. Math.*, **4**(1) (2003), Article 16.

39. S.S. DRAGOMIR and Y.-H. KIM, On nonlinear integral inequalities of Gronwall type in two variables, *J. Indones. Math. Soc.*, **9**(2) (2003), 77–87.
40. S.S. DRAGOMIR and Y.-H. KIM, Some integral inequalities for functions of two variables, *Electronic Journal of Differential Equations*, **2003**(10), 1–13.
41. S.S. DRAGOMIR, C.E.M. PEARCE and J.E. PEČARIĆ, Interpolations of Jensen’s inequality, *Tamkang J. Math.*, **34**(2) (2003), 175–187.
42. I. FEDOTOV and S.S. DRAGOMIR, On convergence of quadrature methods for the Lipschitz- continuous functions, *Italian Journal of Pure and Applied Mathematics*, **13** (2003), 9–20.
43. S.S. KIM, S.S. DRAGOMIR and Y.J. CHO, Superadditivity and monotonicity of Gram’s determinants in 2-inner product spaces and their applications, *Demonstratio Mathematica*, **XXXVI** (4) (2003), 807–817.
44. QIU-MING LUO, FENG QI, N.S. BARNETT and S.S. DRAGOMIR, Inequalities involving the sequence  $\sqrt[3]{a + \sqrt[3]{a} + \cdots + \sqrt[3]{a}}$ , *Math. Inequal. Appl.*, **6**(3) (2003), 413–419.

### 5.5.8 2002

1. N.S. BARNETT, C. BUŞE, P. CERONE, and S.S. DRAGOMIR, On weighted Ostrowski type inequalities for operators and vector-valued functions, *J. Ineq. Pure & Appl. Math.*, **3**(1) (2002), Article 12, 2002.
2. N.S. BARNETT, C. BUŞE, P. CERONE, and S.S. DRAGOMIR, Ostrowski’s inequality for vector-valued functions and applications, *Computers and Mathematics with Applications*, **44** (2002), 559–572.
3. N.S. BARNETT, P. CERONE and S.S. DRAGOMIR, A sharp bound for the error in the corrected trapezoid rule and application, *Tamkang J. Math.*, **33**(3) (2002), 253–258.
4. N.S. BARNETT, P. CERONE, S.S. DRAGOMIR and A.M. FINK, Comparing two integral means for absolutely continuous mappings whose derivatives are in  $L_\infty[a, b]$  and applications, *Computers and Mathematics with Applications*, **44** (2002), 241–251.
5. N.S. BARNETT, P. CERONE, S.S. DRAGOMIR and A. SOFO, Approximating Csiszàr  $f$ -divergence by the use of Taylor’s formula with integral remainder, *Math. Ineq. & Appl.*, **5**(3) (2002), 417–434.
6. N.S. BARNETT, P. CERONE, S.S. DRAGOMIR and A. SOFO, Approximating two mappings associated to Csiszar  $f$ -divergence via Taylor’s expansion, *PanAmerican Mathematical Journal*, **12**(4) (2002), 105–117.

7. N.S. BARNETT and S.S. DRAGOMIR, A perturbed trapezoid inequality in terms of the fourth derivative, *Korean J. Comput. & Appl. Math.*, **9**(1) (2002), 45–60.
8. N.S. BARNETT and S.S. DRAGOMIR, Bounds in terms of the fourth derivative for the remainder in the corrected trapezoid formula, *Computers and Mathematics with Applications*, **44** (2002), 595–605.
9. N.S. BARNETT and S.S. DRAGOMIR, On the perturbed trapezoid formula, *Tamkang J. Math.*, **33**(2) (2002), 119–128.
10. N.S. BARNETT, S.S. DRAGOMIR and R.P. AGARWAL, Some inequalities for probability, expectation, and variance of random variables defined over a finite interval, *Computers and Mathematics with Applications*, **43** (2002), 1319–1357.
11. C. BUŞE and S.S. DRAGOMIR, A theorem of Rolewicz’s type in solid function spaces, *Glasg. Math. J.*, **44**(1) (2002), 125–135.
12. C. BUŞE, S.S. DRAGOMIR, J. ROUMELIOTIS and A. SOFO, Generalized trapezoid type inequalities for vector-valued functions and applications, *Math. Ineq. & Appl.*, **5**(3) (2002), 435–450.
13. C. BUŞE, S.S. DRAGOMIR and A. SOFO, Ostrowski’s inequality for vector-valued functions of bounded semivariation and applications, *New Zealand Journal of Mathematics*, **31** (2002), 137–152.
14. P. CERONE and S.S. DRAGOMIR, New upper and lower bounds for the Čebyšev functional, *J. Inequal. Pure and Appl. Math.*, **3**(5) (2002), Article 77.
15. M. CRĂŞMĂREANU and S.S. DRAGOMIR,  $2k$ -inner products in real linear spaces, *Demonstratio Mathematica*, **35**(3) (2002), 645–656.
16. N.M. DRAGOMIR, S.S. DRAGOMIR and P. FARRELL, Approximating the finite Hilbert transform via trapezoid type inequalities, *Computers and Mathematics with Applications*, **43** (2002), 1359–1369.
17. N.M. DRAGOMIR, S.S. DRAGOMIR and P. FARRELL and G.W. BAXTER, On some new estimates of the finite Hilbert transform, *Libertas Mathematica*, **22** (2002), 65–76.
18. N.M. DRAGOMIR, S.S. DRAGOMIR, M. GU, X. GAN and R. WHITE, An approximation of the Hankel transform for absolutely continuous mappings, *J. KSIAM*, **6**(1) (2002), 17–31.
19. S.S. DRAGOMIR, A Grüss related integral inequality and applications, *Bull. Math. Soc. Sc. Math. Roumanie*, **45**(93) (3–4) (2002), 185–198.

20. S.S. DRAGOMIR, A refinement of Ostrowski's inequality for absolutely continuous functions and applications, *Acta Mathematica Vietnamica*, **27**(2) (2002), 203–217.
21. S.S. DRAGOMIR, A refinement of Ostrowski's inequality for absolutely continuous functions whose derivatives belong to  $L_\infty$  and applications, *Libertas Mathematica*, **22** (2002), 49–64.
22. S.S. DRAGOMIR, An inequality improving the first Hermite-Hadamard inequality for convex functions defined on linear spaces and applications for semi-inner products, *J. Ineq. Pure & Appl. Math.*, **3**(2) (2002), Article 31.
23. S.S. DRAGOMIR, An inequality improving the second Hermite-Hadamard inequality for convex functions defined on linear spaces and applications for semi-inner products, *J. Ineq. Pure & Appl. Math.*, **3**(3) (2002), Article 35.
24. S.S. DRAGOMIR, An inequality of Ostrowski type in terms of the lower and upper bounds of the first derivative, *East Asian Mathematical Journal*, **18**(2) (2002), 163–173.
25. S.S. DRAGOMIR, An upper bound for the Csiszár  $f$ -divergence in terms of the variational distance and applications, *PanAmerican Mathematical Journal*, **12**(4) (2002), 105–117.
26. S.S. DRAGOMIR, Another Grüss type inequality for sequences of vectors in normed linear spaces and applications, *Journal of Computational Analysis and Applications*, **4**(2) (2002), 155–172.
27. S.S. DRAGOMIR, Approximating the finite Hilbert transform via an Ostrowski type inequality for functions of bounded variation, *J. Ineq. Pure & Appl. Math.*, **3**(4) (2002), Article 51.
28. S.S. DRAGOMIR, Approximating the finite Hilbert transform via Ostrowski type inequalities for absolutely continuous functions, *Bull. Korean Math. Soc.*, **39**(4) (2002), 543–559.
29. S.S. DRAGOMIR, Inequalities for the Hilbert transform of functions whose derivatives are convex, *J. Korean Math. Soc.*, **39**(5) (2002), 709–729.
30. S.S. DRAGOMIR, New refinements of the Hermite-Hadamard integral inequality for convex functions and applications, *Soochow J. Math.*, **28**(4) (2002), 357–374.
31. S.S. DRAGOMIR, On some new inequalities of Hermite-Hadamard type for  $m$ -convex functions, *Tamkang Journal of Mathematics*, **33**(1) (2002), 55–65.

32. S.S. DRAGOMIR, On the Jensen's inequality for isotonic linear functionals, *Nonlinear Analysis Forum*, **7**(2) (2002), 139–151.
33. S.S. DRAGOMIR, On the Lupaş-Beesack-Pečarić inequality for isotonic linear functionals, *Nonlinear Funct. Anal. & Appl.*, **7**(2) (2002), 285–298.
34. S.S. DRAGOMIR, Ostrowski type inequalities for isotonic linear functionals, *J. Inequal. Pure and Appl. Math.*, **3**(5) (2002), Article 68.
35. S.S. DRAGOMIR, Ostrowski's inequality in complex inner product spaces, *Bull. Math. Soc. Sc. Math. Rumanie*, **45**(93)(1–2) (2002), 11–15.
36. S.S. DRAGOMIR, Properties of some sequences of mappings associated to the Hermite–Hadamard inequality, *SUT J. Math.*, **38**(1) (2002), 1–16.
37. S.S. DRAGOMIR, Some inequalities for the Chebyshev functional, *The Australian Mathematical Society Gazette*, **29**(3) (2002), 164–168.
38. S.S. DRAGOMIR, The discrete version of Ostrowski's inequality in normed linear spaces, *J. Ineq. Pure & Appl. Math.*, **3**(1) (2002), Article 2.
39. S.S. DRAGOMIR, Upper and lower bounds for Csiszár  $f$ -divergence in terms of Hellinger discrimination and applications, *Nonlinear Analysis Forum*, **7**(1) (2002), 1–13.
40. S.S. DRAGOMIR and A. KALAM, An approximation of the Fourier sine transform via Grüss type inequalities and applications for electrical circuits, *J. KSIAM*, **63**(1) (2002), 33–45.
41. S.S. DRAGOMIR and Y.H. KIM, On certain new integral inequalities and their applications, *J. Inequal. Pure and Appl. Math.*, **3**(4) (2002), Article 65.
42. S.S. DRAGOMIR and C.E.M. PEARCE, Quasilinearity & Hadamard's inequality, *Math. Ineq. & Appl.*, **5**(3) (2002), 463–472.
43. S.S. DRAGOMIR, C.E.M. PEARCE and J.E. PEČARIĆ, Means,  $G$ -convex dominated functions and Hadamard-type inequalities, *Tamsui Oxford Journal of Mathematical Sciences*, **18**(2) (2002), 161–173.
44. S.S. DRAGOMIR, J.E. PEČARIĆ and J. VAN DER HOEK, On some inequalities for the moments of guessing mapping, *Mathematical Journal of Ibaraki University*, **34** (2002), 1–16.
45. S.S. DRAGOMIR and F. SCARMOZZINO, On the Ky Fan inequality, *J. Math. Anal. Appl.*, **269** (2002), 129–136.
46. S.S. DRAGOMIR, J. ŠUNDE and J. ASENSTORFER, On an inequality by Andrica and Raşa and its application for the Shannon and Renyi's entropy, *J. KSIAM*, **6**(2) (2002), 31–42.

47. G. HANNA, S.S. DRAGOMIR and P. CERONE, A general Ostrowski type inequality for double integrals, *Tamkang J. Math.*, **33**(4) (2002), 319–333.
48. G. HANNA, S.S. DRAGOMIR and P. CERONE, A Taylor-like formula for mappings of two variables defined on a rectangle in the plane, *Tamsui Oxford Journal of Mathematics*, **18**(1) (2002), 1–16.

### 5.5.9 2001

1. G.A. ANASTASSIOU and S.S. DRAGOMIR, On some estimates of the remainder in Taylor's formula, *Journal of Mathematical Analysis and Applications*, **263** (2001), 246–263.
2. N.S. BARNETT, P. CERONE, S.S. DRAGOMIR and J. ROUMELIOTIS, Some inequalities for the dispersion of a random variable whose PDF is defined on a finite interval, *Journal of Inequalities in Pure and Applied Mathematics*, **2**(1) (2001), Article 1.
3. N.S. BARNETT and S.S. DRAGOMIR, A trapezoid type inequality for double integrals, *Nonlinear Analysis*, **47**(4) (2001), 2321–2332.
4. N.S. BARNETT and S.S. DRAGOMIR, An Ostrowski type inequality for double integrals and applications for cubature formulae, *Soochow J. Math.*, **27**(1) (2001), 1–10.
5. N.S. BARNETT and S.S. DRAGOMIR, Some inequalities for random variables whose probability density functions are absolutely continuous using a pre-Chebyshev inequality, *Tamkang J. Math.*, **32**(1) (2001).
6. N.S. BARNETT, S.S. DRAGOMIR and A. SOFO, Better bounds for an inequality of the Ostrowski type with applications, *Demonstratio Mathematica*, **34**(3) (2001), 533–542.
7. I. BUDIMIR, S.S. DRAGOMIR and J.E. PEČARIĆ, Further reverse results for Jensen's discrete inequality and applications in information theory, *Journal of Inequalities in Pure and Applied Mathematics*, **2**(1) (2001), Article 5.
8. C. BUŞE and S.S. DRAGOMIR, A new proof of Rolewicz's type theorem: An evolution semigroup approach, *Electron. J. Diff. Eqns.*, **2001**(45) (2001), 1–5.
9. C. BUŞE and S.S. DRAGOMIR, A theorem of Rolewicz's type for measurable evolution families in Banach spaces, *Electron. J. Diff. Eqns.*, **2001**(70) (2001), 1–5.
10. C. BUŞE, S.S. DRAGOMIR and V. LUPULESCU, Characterizations of stability for strongly continuous semigroups by boundedness of its convolutions with almost periodic functions, *International Journal of Differential Equations and Applications*, **2**(1) (2001), 103–109.



11. P. CERONE and S.S. DRAGOMIR, Generalisations of the Grüss, Chebyshev and Lupaş inequalities for integrals over different intervals, *International Journal of Applied Mathematics*, **6**(2) (2001), 117–128.
12. P. CERONE and S.S. DRAGOMIR, New bounds for a perturbed generalised Taylor’s formula, *East Asian Math. J.*, **17**(2) (2001), 197–215.
13. P. CERONE and S.S. DRAGOMIR, On some inequalities for the expectation and variance, *Korean Journal of Computational and Applied Mathematics*, **8**(2) (2001), 357–380.
14. P. CERONE and S.S. DRAGOMIR, Some bounds in terms of  $\Delta$ -seminorms for Ostrowski-Grüss type inequalities, *Soochow J. Math.*, **27**(4) (2001), 423–434.
15. N.M. DRAGOMIR and S.S. DRAGOMIR, An inequality for logarithms and its application in coding theory, *Indian J. Math.*, **43**(1) (2001), 13–20.
16. S.S. DRAGOMIR, A generalisation of Ostrowski integral inequality for mappings whose first derivatives belong to  $L_1[a, b]$  and applications in numerical integration, *J. Computational Analysis and Applications*, **3**(4) (2001), 343–360.
17. S.S. DRAGOMIR, A generalisation of Ostrowski integral inequality for mappings whose first derivatives belong to  $L_\infty[a, b]$  and applications in numerical integration, *J. KSIAM*, **5**(2) (2001), 117–136.
18. S.S. DRAGOMIR, A generalisation of Ostrowski integral inequality for mappings whose first derivatives belong to  $L_p[a, b]$  and applications in numerical integration, *J. Math. Analysis and Applications*, **255** (2001), 605–626.
19. S.S. DRAGOMIR, A note on Bessel’s inequality, *The Australian Mathematical Gazette*, **28**(5) (2001), 246–248.
20. S.S. DRAGOMIR, Better bounds in some Ostrowski-Grüss type inequalities, *Tamkang J. Math.*, **32**(3) (2001), 211–216.
21. S.S. DRAGOMIR, Characterisation of best approximants from level sets of convex functions in normed linear spaces, *Nonlinear Funct. Anal. & Appl.*, **6**(1) (2001), 89–93.
22. S.S. DRAGOMIR, Integral Grüss inequality for mappings with values in Hilbert spaces and applications, *J. Korean Math. Soc.*, **38**(6) (2001), 1261–1273.
23. S.S. DRAGOMIR, On a converse of Jensen’s inequality, *Univ. Beograd. Publ. Elektrotehn. Fak., Ser. Mat.*, **12** (2001), 48–51.

24. S.S. DRAGOMIR, On a reverse of Jessen's inequality for isotonic linear functionals, *Journal of Inequalities in Pure and Applied Mathematics*, **2**(3) (2001), Article 36.
25. S.S. DRAGOMIR, On some inequalities for the Rényi  $\alpha$ -entropy, *Rev. Mat. Est. Sao Paulo*, **19** (2001), 349–362.
26. S.S. DRAGOMIR, On the Hadamard's inequality for convex functions on the co-ordinates in a rectangle, *Taiwanese Journal of Mathematics*, **5**(4) (2001), 775–788.
27. S.S. DRAGOMIR, On the Ostrowski's integral inequality for Lipschitzian mappings and applications, *Studia Universitatis Babeş-Bolyai, Mathematica*, **46**(1) (2001), 33–40.
28. S.S. DRAGOMIR, On the Ostrowski's integral inequality for mappings with bounded variation and applications, *Mathematical Inequalities and Applications*, **4**(1) (2001), 59–66.
29. S.S. DRAGOMIR, On the trapezoid quadrature formula and applications, *Kragujevac J. Math.*, **23** (2001), 25–36.
30. S.S. DRAGOMIR, On the Ostrowski inequality for Riemann-Stieltjes integral  $\int_a^b f(t) du(t)$  where  $f$  is of Hölder type and  $u$  is of bounded variation and applications, *J. KSIAM*, **5**(1) (2001), 35–45.
31. S.S. DRAGOMIR, Refinements of the Hermite-Hadamard integral inequality for convex functions, *Tamsui Journal of Mathematical Sciences*, **17**(2) (2001), 97–111.
32. S.S. DRAGOMIR, Refinements of the Hermite-Hadamard integral inequality for log-convex functions, *The Australian Mathematical Gazette*, **28**(3) (2001), 129–134.
33. S.S. DRAGOMIR, Some inequalities for  $(m, M)$ -convex mappings and applications for the Csiszár  $\Phi$ -divergence in information theory, *Mathematical Journal of Ibaraki University*, **33** (2001), 3550.
34. S.S. DRAGOMIR, Some inequalities for two Csiszár divergences and applications, *Mat. Bilten*, **25** (2001), 73–90.
35. S.S. DRAGOMIR, Some inequalities of midpoint and trapezoid type for the Riemann-Stieltjes integral, *Nonlinear Analysis*, **47**(4) (2001), 2333–2340.
36. S.S. DRAGOMIR and R.P. AGARWAL, Some inequalities and their application for estimating the moments of guessing mappings, *Mathematical and Computer Modelling*, **34** (2001), 441–468.

37. S.S. DRAGOMIR, C. BUŞE, M.V. BOLDEA and L. BRAESCU, A generalisation of the Trapezoidal rules for the Riemann-Stieltjes integral and applications, *Nonlinear Analysis Forum*, **6**(2), 337–351.
38. S.S. DRAGOMIR and Y.J. CHO, On Aczél's inequality for real numbers, *Tamkang J. Math.*, **32**(2) (2001), 137–142.
39. S.S. DRAGOMIR, Y.J. CHO and S.S. KIM, Some existence theorems for operatorial equations in Hilbert spaces, *Analele Universităţii din Oradea*, **8** (2001), 5–14.
40. S.S. DRAGOMIR and M.L. FANG, Improvement of an Ostrowski type inequality for monotonic mappings and its application for some special means, *Journal of Inequalities in Pure and Applied Mathematics*, **2**(3) (2001), Article 31.
41. S.S. DRAGOMIR and I. FEDOTOV, A Grüss type inequality for mappings of bounded variation and applications to numerical analysis, *Nonlinear Funct. Anal. & Appl.*, **6**(3) (2001), 425–438.
42. S.S. DRAGOMIR and V. GLUSCEVIĆ, Some inequalities for the Kullback-Leibler and  $\chi^2$  – Distances in Information Theory and Applications, *Tamsui Journal of Mathematical Sciences*, **17**(2) (2001), 97–111.
43. S.S. DRAGOMIR, V. GLUSCEVIĆ and C.E.M. PEARCE, Csiszár  $f$ -divergence, Ostrowski's inequality and mutual information, *Nonlinear Analysis*, **47**(4) (2001), 2375–2386
44. S.S. DRAGOMIR and C.J. GOH, A counterpart of Jensen's continuous inequality and applications in information theory, *Analele Ştiinţifice ale Universităţii "Al. I. Cuza", Iaşi*, **XLVII** (2001), 239–262.
45. S.S. DRAGOMIR and C.J. GOH, On monotonicity and superadditivity properties of the entropy function, *ANZIAM J.*, **42** (2001), 1–17.
46. S.S. DRAGOMIR and B. MOND, Some inequalities of Aczél type for Grammians in inner product spaces, *Nonlinear Functional Analysis*, **6**(3) (2001), 411–424.
47. S.S. DRAGOMIR, C.E.M. PEARCE and J.E. PEČARIĆ, Some new inequalities for the logarithmic map, with applications entropy and mutual information, *Kyungpook Mathematical Journal*, **41**(1) (2001), 115–125.
48. S.S. DRAGOMIR and Th. M. RASSIAS, A mapping associated with Jensen's inequality and applications, *Bull. Math. Roumanie*, **44**(92)(2) (2001), 155–164.
49. S.S. DRAGOMIR, A. SOFO and P. CERONE, A perturbation of Taylor's formula with integral remainder, *Tamsui Oxford Journal of Mathematical Sciences*, **17**(1) (2001), 1–21.

50. S.S. KIM, S.S. DRAGOMIR, A. WHITE and Y.J. CHO, On the Grüss type inequality in 2-inner product spaces and applications, *PanAmerican Mathematical Journal*, **11**(3) (2001), 89–97.
51. P. KUMAR, S.P. SINGH and S.S. DRAGOMIR, Some inequalities involving Beta and Gamma functions, *Nonlinear Analysis Forum*, **6**(1) (2001), 143–150.
52. A. SOFO and S.S. DRAGOMIR, A perturbed version of the Ostrowski inequality for twice differentiable mappings, *Turk. J. Math.*, **25**(3) (2001), 379–412.
53. A. SOFO and S.S. DRAGOMIR, An inequality of Ostrowski type for twice differentiable mappings in terms of the  $L_p$  norm and applications, *Soochow J. Math.*, **27**(1) (2001), 97–111.

### 5.5.10 2000

1. Š.Z. ARSLANAGIĆ and S.S. DRAGOMIR, Some inequalities for a triangle, *Octagon Math. J.*, **8**(2) (2000), 432–435.
2. N.S. BARNETT, P. CERONE, S.S. DRAGOMIR and J. ROUMELIOTIS, Some inequalities for the expectation and variance of a random variable whose PDF is  $n$ -time differentiable, *J. Ineq. Pure and Appl. Math.*, **1**(2) (2000), Article 21.
3. N.S. BARNETT and S.S. DRAGOMIR, An Ostrowski's type inequality for a random variable whose probability density function belongs to  $L_\infty[a, b]$ , *Nonlinear Analysis Forum*, **5** (2000), 125–136.
4. N.S. BARNETT and S.S. DRAGOMIR, Issues of estimation in the monitoring of constant flow continuous streams, *J. KSIAM*, **4**(1) (2000), 93–100.
5. N.S. BARNETT and S.S. DRAGOMIR, Some inequalities for random variables whose probability density functions are bounded using a pre-Grüss inequality, *Kyungpook Mathematical Journal*, **40**(2) (2000), 299–311.
6. P. CERONE and S.S. DRAGOMIR, Lobatto type quadrature rules for functions with a bounded derivative, *Mathematical Inequalities and Applications*, **3**(2) (2000), 197–209.
7. P. CERONE and S.S. DRAGOMIR, On a weighted generalization of Iyengar type inequalities involving the bounded first derivative, *Mathematical Inequalities and Applications*, **3**(1) (2000), 35–44.
8. P. CERONE and S.S. DRAGOMIR, Three point identities and inequalities for  $n$ -time differentiable functions, *SUT Journal of Mathematics*, **36**(2) (2000), 351–383.

9. P. CERONE, S.S. DRAGOMIR and C.E.M. PEARCE, A generalised trapezoid inequality for functions of bounded variation, *Turkish Journal of Mathematics*, **24**(2) (2000), 147–163.
10. P. CERONE, S.S. DRAGOMIR, J. ROUMELIOTIS and J. ŠUNDE, A new generalisation of the trapezoid formula for  $n$ -time differentiable mappings and applications, *Demonstratio Mathematica*, **33**(4) (2000), 719–736.
11. Y.J. CHO, S.S. DRAGOMIR, S.S. KIM and C.E.M. PEARCE, Cauchy-Schwarz functionals, *Bull. Austral. Math. Soc.*, **62** (2000), 479–491.
12. S.S. DRAGOMIR, A converse result for Jensen’s discrete inequality via Grüss’ inequality and applications in information theory, *Analele Universităţii din Oradea Fascicola Matematică*, **7** (1999–2000), 178–189.
13. S.S. DRAGOMIR, A Grüss’ type discrete inequality in inner product spaces and applications, *J. Math. Anal. Appl.*, **250** (2000), 494–511.
14. S.S. DRAGOMIR, A Grüss’ type inequality for sequences of vectors in inner product spaces and applications, *Journal of Inequalities in Pure and Applied Mathematics*, **1**(2) (2000), Article 12.
15. S.S. DRAGOMIR, A Grüss’ type integral inequality for mappings of  $r$ -Hölder’s type and applications for trapezoid formula, *Tamkang Journal of Mathematics*, **31**(1) (2000), 43–47.
16. S.S. DRAGOMIR, A variational characterization of reflexivity and strict convexity, *Bull. Math. Soc. Sci. Math. Roumanie (N.S.)*, **43(91)**(2) (2000), 125–129.
17. S.S. DRAGOMIR, An inequality for logarithmic mapping and applications for the relative entropy, *Nihonkai Mathematical Journal*, **11**(2) (2000), 151–158.
18. S.S. DRAGOMIR, An inequality for twice differentiable functions and applications for the Shannon and Renyi’s entropies, *Math. J. Ibaraki University*, **32** (2000), 19–28.
19. S.S. DRAGOMIR, Characterisations of best approximants from linear subspaces in normed linear subspaces in terms of duality mapping, *Scientia Series A: Mathematical Sciences*, **6** (1994–2000), 41–50.
20. S.S. DRAGOMIR, New characterisations of best approximants from normed linear subspaces and applications, *International Journal of Mathematics, Game Theory, and Algebra*, **10**(5) (2000), 373–390.
21. S.S. DRAGOMIR, On Hadamard’s inequality for the convex mappings defined on a ball in the space and applications, *Mathematical Inequalities and Applications*, **3**(2) (2000), 177–187.

22. S.S. DRAGOMIR, On Hadamard's inequality on a disk, *Journal of Inequalities in Pure and Applied Mathematics*, **1**(1) (2000), Article 2.
23. S.S. DRAGOMIR, On the arithmetic mean-geometric mean-harmonic mean inequality, *Austr. Math. Soc. Gaz.*, **27**(1) (2000), 6–11.
24. S.S. DRAGOMIR, On the Cauchy-Buniakowsky-Schwartz's inequality for sequences in inner product spaces, *Math. Ineq. Appl.*, **3**(3) (2000), 385–398.
25. S.S. DRAGOMIR, On the midpoint quadrature formula for Lipschitzian mappings and applications, *Kragujevac J. Math.*, **22** (2000), 5–11.
26. S.S. DRAGOMIR, On the midpoint quadrature formula for mappings with bounded variation and applications, *Kragujevac J. Math.*, **22** (2000), 13–19.
27. S.S. DRAGOMIR, On the Ostrowski's inequality for Riemann-Stieltjes integral and applications, *Korean J. Comput. & Appl. Math.*, **7**(3) (2000), 611–627.
28. S.S. DRAGOMIR, Some characterization of best approximants in normed linear spaces, *Acta Mathematica Vietnamica*, **25**(3) (2000), 359–366.
29. S.S. DRAGOMIR, Some integral inequalities of Grüss type, *Indian J. Pure Appl. Math.*, **31**(4) (2000), 397–415.
30. S.S. DRAGOMIR, Upper bounds for the Kullback-Leibler distance and applications, *Bull. Math. Soc. Sc. Math. Roumanie*, **43**(91)(1) (2000), 25–37.
31. S.S. DRAGOMIR, R.P. AGARWAL and N.S. BARNETT, Inequalities for Beta and Gamma functions via some classical and new integral inequalities, *Journal of Inequalities and Applications*, **5** (2000), 103–165.
32. S.S. DRAGOMIR, R.P. AGARWAL and P. CERONE, On Simpson's inequality and applications, *Journal of Inequalities and Applications*, **5** (2000), 533–579.
33. S.S. DRAGOMIR, N.S. BARNETT and P. CERONE, An  $n$ -dimensional version of Ostrowski's inequality for mappings of the Hölder type, *Kyungpook Mathematical Journal*, **40**(1) (2000), 65–75.
34. S.S. DRAGOMIR, N.S. BARNETT and I.S. GOMM, Further bounds for the estimation error variance of a continuous stream with stationary variogram, *J. KSIAM*, **4**(1) (2000), 101–107.
35. S.S. DRAGOMIR and G.L. BOOTH, Grüss-Lupaş type inequality and its applications for the estimation of  $p$ -moments of guessing mappings, *Mathematical Communications*, **5** (2000), 117–126.

36. S.S. DRAGOMIR, P. CERONE, N.S. BARNETT and J. ROUMELIOTIS, An inequality of the Ostrowski type for double integral and applications for cubature formulae, *Tamsui Oxford J. Mathematical Sciences*, **16**(1) (2000), 1–16.
37. S.S. DRAGOMIR, P. CERONE and J. ROUMELIOTIS, A new generalisation of Ostrowski's integral inequality for mappings whose derivatives are bounded and applications in numerical integration and for special means, *Applied Mathematics Letters*, **13** (2000), 19–25.
38. S.S. DRAGOMIR, P. CERONE and A. SOFO, Some remarks on the midpoint rule in numerical integration, *Studia Universitatis Babeş-Bolyai Mathematica*, **XLV**(1) (2000), 63–74.
39. S.S. DRAGOMIR, P. CERONE and A. SOFO, Some remarks on the trapezoid rule in numerical integration, *Indian J. Pure Appl. Math.*, **31**(5) (2000), 475–494.
40. S.S. DRAGOMIR, Y.J. CHO and Y.K. CHOI, New Counterparts of some inequalities for entropy and mutual information, *Math. Bulletin* (Scopje, Macedonia), **24** (2000), 23–36.
41. S.S. DRAGOMIR, Y.J. CHO and S.S. KIM, Inequalities of Hadamard's type for Lipschitzian mappings and their applications, *J. Math. Anal. App.*, **245** (2000), 489–501.
42. S.S. DRAGOMIR, D. COMANESCU, Y.J. CHO and S.S. KIM, On Toricelli's problem in inner product spaces, *Aust. Math. Gazette*, **27**(4) (2000), 173–180.
43. S.S. DRAGOMIR and S. FITZPATRICK, The Jensen inequality for  $s$ -Breckner convex functions in linear spaces, *Demonstratio Mathematica*, **33**(1) (2000), 43–49.
44. S.S. DRAGOMIR and G. KEADY, A Hadamard-Jensen inequality for convex functions and an application to the elastic torsion problem, *Applicable Analysis*, **75**(3–4) (2000), 285–295.
45. S.S. DRAGOMIR and J. KOLIHA, The mapping  $\delta_{x,y}$  in normed linear spaces and refinements of the Cauchy-Schwartz inequality, *Nonlinear Analysis*, **41** (2000), 205–220.
46. S.S. DRAGOMIR and J. KOLIHA, Two mappings related to semi-inner products and their applications in geometry of normed linear spaces, *Appl. Math.*, **45**(5) (2000), 337–355.
47. S.S. DRAGOMIR, J. KOLIHA and Y.J. CHO, On inequalities in normed linear spaces and applications, *Studia Universitatis Babeş-Bolyai Mathematica*, **XLV**(2) (2000), 11–16.

48. S.S. DRAGOMIR and S. MABIZELA, Some error estimates in the trapezoidal quadrature rule, *Tamsui Oxford J. Mathematical Sciences*, **16**(2) (2000), 259–272.
49. S.S. DRAGOMIR and A. McANDREW, On trapezoid inequality via a Grüss type result and applications, *Tamkang J. Math.*, **31**(3) (2000), 193–201.
50. S.S. DRAGOMIR and T.C. PEACHEY, New estimation of the remainder in the trapezoidal formula with applications, *Studia Universitatis Babeş-Bolyai Mathematica*, **XLV**(4) (2000), 31–42.
51. S.S. DRAGOMIR, C.E.M. PEARCE and J. ŠUNDE, Gauss-Polya type results and the Hölder inequality, *Tamsui Oxford J. Mathematical Sciences*, **16**(1) (2000), 17–23.
52. S.S. DRAGOMIR, J. E. PEČARIĆ and S. WANG, The unified treatment of trapezoid, Simpson and Ostrowski type inequality for monotonic mappings and applications, *Mathematical and Computer Modelling*, **31** (2000), 61–70.
53. S.S. DRAGOMIR, M.L. SCHOLZ and J. ŠUNDE, Some upper bounds for relative entropy and applications, *Comp. & Math. with Applications*, **39** (2000), 91–100.
54. S.S. DRAGOMIR and A. SOFO, An integral inequality for twice differentiable mappings and applications, *Tamkang J. Math.*, **31**(4) (2000), 257–266.
55. S.S. DRAGOMIR, J. ŠUNDE and C. BUŞE, New inequalities for Jeffreys divergence measure, *Tamsui Oxford Journal of Mathematical Sciences*, **16**(2) (2000), 295–309.
56. S.S. KIM and S.S. DRAGOMIR, Some characterisations of best approximation element from subspaces in linear 2-normed spaces, *East Asian Math. J.*, **16**(2) (2000), 205–214.

### 5.5.11 1999

1. N.S. BARNETT and S.S. DRAGOMIR, An inequality of Ostrowski's type for cumulative distribution functions, *Kyungpook Mathematical Journal*, **39**(2) (1999), 303–311.
2. P. CERONE, S.S. DRAGOMIR and J. ROUMELIOTIS, An inequality of Ostrowski-Grüss type for twice differentiable mappings and applications in numerical integration, *Kyungpook Mathematical Journal*, **39**(2) (1999), 331–341.



3. P. CERONE, S.S. DRAGOMIR and J. ROUMELIOTIS, An inequality of Ostrowski type for mappings whose second derivatives belong to  $L_1(a, b)$  and applications, *Honam Mathematical J.*, **21**(1) (1999), 127–137.
4. P. CERONE, S.S. DRAGOMIR and J. ROUMELIOTIS, An inequality of Ostrowski type for mappings whose second derivatives are bounded and applications, *East Asian Math. J.*, **15** (1) (1999), 1–9.
5. P. CERONE, S.S. DRAGOMIR and J. ROUMELIOTIS, Some Ostrowski type inequalities for  $n$ -time differentiable mappings and applications, *Demonstratio Mathematica*, **32**(2) (1999), 697–712.
6. Y.J. CHO, S.S. DRAGOMIR, A. WHITE and S.S. KIM, Some inequalities in 2-inner product spaces, *Demonstratio Mathematica*, **32**(3) (1999), 485–493.
7. S.S. DRAGOMIR, A generalisation of Grüss' inequality in inner product spaces and applications, *J. Mathematical Analysis and Applications*, **237** (1999), 74–82.
8. S.S. DRAGOMIR, A variational characterization of the best approximation element, *Demonstratio Mathematica*, **32**(1) (1999), 117–128.
9. S.S. DRAGOMIR, Counterparts of arithmetic mean-geometric mean-harmonic mean inequality, *Studia Universitatis Babeş-Bolyai Mathematica*, **XLIV**(4) (1999), 37–43.
10. S.S. DRAGOMIR, Grüss inequality in inner product spaces, *The Aust. Math. Soc. Gazette*, **26**(2) (1999), 66–70.
11. S.S. DRAGOMIR, New estimation of the remainder in Taylor's formula using Grüss' type inequalities and applications, *Mathematical Inequalities and Applications*, **2**(2) (1999), 183–193.
12. S.S. DRAGOMIR, On an inequality for the logarithmic mapping and applications for the Shannon entropy, *Boletim da Sociedade Paranaense de Matematica*, **19**(1–2) (1999), 33–42.
13. S.S. DRAGOMIR, On Simpson's quadrature formula for Lipschitzian mappings and applications, *Soochow J. of Math.*, **25**(2) (1999), 175–180.
14. S.S. DRAGOMIR, On Simpson's quadrature formula for mappings of bounded variation and applications, *Tamkang J. of Math.*, **30**(1) (1999), 53–58.
15. S.S. DRAGOMIR, On the trapezoid quadrature formula for Lipschitzian mappings and applications, *Tamkang J. of Math.*, **30**(2) (1999), 133–138.
16. S.S. DRAGOMIR, Ostrowski's inequality for monotonous mappings and applications, *J. KSIAM*, **3**(1) (1999), 127–135.

17. S.S. DRAGOMIR, Some characterisations of best approximants for linear subspaces in normed linear spaces and applications, *Far East Journal of Mathematical Sciences*, **11**(5) (1999), 805–826.
18. S.S. DRAGOMIR, Some classes of continuous linear functionals in smooth normed spaces, *Nonlinear Analysis Forum*, **4** (1999), 145–156.
19. S.S. DRAGOMIR, Some discrete inequalities of Grüss type and applications in guessing theory, *Honam Mathematical J.*, **21**(1) (1999), 115–126.
20. S.S. DRAGOMIR, Some new estimates for the moments of guessing mappings, *Mathematical Communications*, **4** (1999), 177–190.
21. S.S. DRAGOMIR, The Ostrowski integral inequality for mappings of bounded variation, *Bull. Austral. Math. Soc.*, **60** (1999), 495–508.
22. S.S. DRAGOMIR, The Ostrowski's integral inequality for Lipschitzian mappings and applications, *Computers and Mathematics with Applications*, **38** (1999), 33–37.
23. S.S. DRAGOMIR and N.S. BARNETT, An Ostrowski type inequality for mappings whose second derivatives are bounded and applications, *J. Indian Math. Soc. (N.S.)*, **66**(1-4) (1999), 237–245.
24. S.S. DRAGOMIR, N.S. BARNETT and S. WANG, An Ostrowski type inequality for a random variable whose probability density function belongs to  $L_p[a, b]$ ,  $p > 1$ , *Mathematical Inequalities and Applications*, **2**(4) (1999), 501–508.
25. S.S. DRAGOMIR and V.M. BOLDEA, Some new remarks on Cauchy-Buniakowsky-Schwartz's inequality, *Collection of Scientific Papers of the Faculty of Science Kragujevac*, **21** (1999), 33–40.
26. S.S. DRAGOMIR, P. CERONE, J. ROUMELIOTIS and S. WANG, A weighted version of Ostrowski inequality for mappings of Hölder type and applications in numerical analysis, *Bull. Math. Soc. Sc. Math. Roumanie*, **42**(90)(4) (1999), 301–314.
27. S.S. DRAGOMIR, Y.J. CHO and S.S. KIM, Some remarks on Milovanovic-Pecaric inequality and applications for special means and numerical integrations, *Tamkang J. Math.*, **30**(3) (1999), 203–211.
28. S.S. DRAGOMIR and B. CRSTICI, A mapping associated to Chebychev's inequality for integrals, *Univ. Beograd. Publ. Elektrotehn. Fak. Ser. Mat.*, **10** (1999), 63–67.
29. S.S. DRAGOMIR, N.M. DRAGOMIR and K. PRANESH, An inequality for logarithms and applications in information theory, *Computers & Math with Appl.*, **38** (1999), 11–17.

30. S.S. DRAGOMIR and S. FITZPATRICK, The Hadamard inequalities for  $s$ -convex functions in the second sense, *Demonstratio Math.*, **32**(4) (1999), 687–696.
31. S.S. DRAGOMIR and J.J. KOLIHA, The mapping  $\Psi_{x,y}^p$  in normed linear spaces and its applications in theory of inequalities, *Mathematical Inequalities & Applications*, **2**(3) (1999), 367–381.
32. S.S. DRAGOMIR and D.M. MILOSEVIĆ, Some refinements of Hadamard's inequalities, *Journal of the Indian Math. Soc.*, **66**(1–4) (1999), 97–104.
33. S.S. DRAGOMIR and A. SOFO, An estimation for  $\ln k$ , *Australian Mathematical Society Gazette*, **26**(5) (1999), 227–231.
34. S.S. DRAGOMIR and J. VAN DER HOEK, Some new inequalities for the average number of guesses, *Kyungpook Math. J.*, **39**(1) (1999), 11–17.
35. I. FEDOTOV and S.S. DRAGOMIR, An inequality of Ostrowski type and its applications for Simpson's rule and special means, *Mathematical Inequalities and Applications*, **2**(4) (1999), 491–499.
36. I. FEDOTOV and S.S. DRAGOMIR, Another approach to quadrature methods, *Indian J. Pure Appl. Math.*, **30**(8) (1999), 763–775.
37. T.C. PEACHEY, A. McANDREW and S.S. DRAGOMIR, The best constant in an inequality of Ostrowski type, *Tamkang J. Math.*, **30**(3) (1999), 219–222.
38. J. ROUMELIOTIS, P. CERONE and S.S. DRAGOMIR, An Ostrowski type inequality for weighted mappings with bounded second derivatives, *J. KSIAM*, **3**(2) (1999), 107–118.

### 5.5.12 1998

1. N.S. BARNETT and S.S. DRAGOMIR, A note on bounds for the estimation error variance of a continuous stream with stationary variogram, *J. KSIAM*, **2**(2) (1998), 49–56.
2. S.S. DRAGOMIR, The improvement of arithmetic-geometric inequality for weighted means, *Ranchi University Mathematical Journal*, **29** (1998), 11–19.
3. S.S. DRAGOMIR, On Simpson's quadrature formula for differentiable mappings whose derivatives belong to  $L_p$  spaces and applications, *J. KSIAM*, **2**(2) (1998), 57–65.
4. S.S. DRAGOMIR and R.P. AGARWAL, The property of supermultiplicity for some classical inequalities and applications, *Computer. Math. Appl.*, **35**(6) (1998), 105–118.

5. S.S. DRAGOMIR and R. P. AGARWAL, Two inequalities for differentiable mappings and applications to special means of real numbers and to trapezoid formula, *Appl. Math. Lett.*, **11**(5) (1998), 91–95.
6. S.S. DRAGOMIR and R.P. AGARWAL, Two new mappings associated with Hadamard's inequality for convex functions, *Appl. Math. Lett.*, **11**(3) (1998), 33–38.
7. S.S. DRAGOMIR and S. BOZTAŞ, Estimation of arithmetic means and their applications in guessing theory, *Mathl. Comput. Modelling*, **28**(10) (1998), 31–43.
8. S.S. DRAGOMIR, Y.J. CHO and S.S. KIM, Superadditivity and monotonicity of 2-norms generated by inner products and related results, *Soochow J. of Math.*, **24** (1998), 13–32.
9. S.S. DRAGOMIR, N.M. DRAGOMIR and K. PRANESH, Some estimations of Kraft numbers and related results, *Soochow J of Mathematics*, **24**(4) (1998), 291–296.
10. S.S. DRAGOMIR and I. FEDOTOV, An inequality of Grüss type for Riemann-Stieltjes integral and applications for special means, *Tamkang J. Math.* **29**(4) (1998), 287–292.
11. S.S. DRAGOMIR and S. FITZPATRICK, Hadamard's inequality for  $s$ -convex functions in the first sense and applications, *Demonstratio Math.*, **31**(3) (1998), 633–642.
12. S.S. DRAGOMIR and C.J. GOH, Further counterparts of some inequalities in information theory, *Rend. Sem. Mat. Univ. Pol. Torino*, **56**(1) (1998), 35–50.
13. S.S. DRAGOMIR and P. KANNAPPAN, Some estimation of convex mappings in linear spaces endowed with subinner products, *Bull. Allahabad Math. Soc.*, **12/13** (1997/98), 23–35.
14. S.S. DRAGOMIR and J.J. KOLIHA, The mapping  $v_{x,y}$  in normed linear spaces with applications to inequalities in analysis, *J. of Inequalities & Appl.*, **2** (1998), 37–55.
15. S.S. DRAGOMIR and S. MABIZELA, Functional inequalities and best approximation, *Approx. Theory & its Appls*, **14**(2) (1998), 90–98.
16. S.S. DRAGOMIR and B. MOND, Integral inequalities of Hadamard type for log-convex functions, *Demonstratio Mathematica*, **31**(2) (1998), 354–364.
17. S.S. DRAGOMIR and B. MOND, On the Boas-Bellman generalisation of Bessel's inequality in inner product spaces, *Italian Journal of Pure and Applied Mathematics*, **3** (1998), 29–35.

18. S.S. DRAGOMIR and C.E.M. PEARCE, Quasi-convex functions and Hadamard's inequality, *Bull. Australian Math. Soc.*, **57** (1998), 377–385.
19. S.S. DRAGOMIR, C.E.M. PEARCE and J. ŠUNDE, Abel-type inequalities, complex numbers and Gauss-polya type integral inequalities, *Math. Communications*, **3** (1998), 95–101.
20. S.S. DRAGOMIR and T.M. RASSIAS, Jensen's inequality for Lipschitzian functions in normed linear spaces and applications, *Ranchi University Mathematical Journal*, **29** (1998), 57–73.
21. S.S. DRAGOMIR and J. VAN DER HOEK, New inequalities for the moments of guessing mapping, *East Asian Math J.*, **14** (1998), 1–14.
22. S.S. DRAGOMIR and J. VAN DER HOEK, Some new analytic inequalities and their applications in guessing theory, *J. Math Anal. Appl.*, **225** (1998), 542–556.
23. S.S. DRAGOMIR and S. WANG, Applications of Ostrowski's inequality to the estimation of error bounds for some special means and for some numerical quadrature rules, *Appl. Math. Lett.*, **11** (1998), 105–109.
24. S.S. DRAGOMIR and S. WANG, Applications of Iyengar's type inequalities to the estimation of error bounds for the trapezoidal quadrature rule, *Tamkang J. of Math.*, **29**(1) (1998), 55–58.
25. S.S. DRAGOMIR and S. WANG, A generalization of Bullen's inequality for convex mappings and its applications, *Soochow J. of Math.*, **24**(2) (1998), 97–103.
26. S.S. DRAGOMIR and S. WANG, A new inequality of Ostrowski's type in  $L_p$ -norm, *Indian J. Math.*, **40**(3) (1998), 299–304.

### 5.5.13 1997

1. S.S. DRAGOMIR and S. WANG, An inequality of Ostrowski-Grüss type and its applications to the estimation of error bounds for some special means and for some numerical quadrature rules, *Computers Math. Applic.*, **11** (1997), 15–20.
2. S.S. DRAGOMIR and S. WANG, A new inequality of Ostrowski's type in  $L_1$  norm and applications to some special means and to some numerical quadrature rules, *Tamkang J. Math.*, **28** (1997), 239–244.
3. S.S. DRAGOMIR, Zs. PALES and B. MOND, On a superadditivity property of Gram's determinant, *Aequationes Mathematicae*, **54** (1997), 199–204.
4. S.S. DRAGOMIR and C.J. GOH, Some bounds on entropy measures in information theory, *Appl. Math. Lett.*, **10** (1997), 23–28.

5. S.S. DRAGOMIR and C.J. GOH, Some counterpart inequalities for a functional associated with Jensen's inequality, *J. of Inequalities & Applications*, **1** (1997), 311–325.
6. S.S. DRAGOMIR and C.J. GOH, A counterpart of Hölder's inequality, *Mitt. Math. Ges. Hamburg*, **16** (1997), 99–106.
7. S.S. DRAGOMIR and S. FITZPATRICK,  $S$ -Orlicz convex functions in linear spaces and Jensen's discrete inequality, *J. of Math. Anal. Appl.*, **210** (1997), 419–439.
8. S.S. DRAGOMIR, D. COMĂNESCU and C.E.M. PEARCE, On some mappings associated with geometric and arithmetic means, *Bull. Austral. Math. Soc.*, **55** (1997), 299–309.
9. S.S. DRAGOMIR and J. KOLIHA, Mappings  $\phi$  in normed linear spaces and new characterizations for Birkhoff orthogonality. Smoothness and best approximants, *Soochow J. Math.*, **23**(2) (1997), 227–239.
10. S.S. DRAGOMIR and J. KOLIHA, The mapping gamma in normed linear spaces and applications, *J. of Math. Anal. Appl.*, **210** (1997), 549–563.

#### 5.5.14 1996

1. S.S. DRAGOMIR, A characterization of reflexivity, *Proc. Japan Acad Ser. A Math. Sci.*, **72**(7) (1996), 152–153.
2. S.S. DRAGOMIR, Generalizations of Hua's inequality for convex functions, *Indian J. Math.*, **38**(2) (1996), 101–109.
3. S.S. DRAGOMIR and R.P. AGARWAL, An application of Hayashi's inequality for differentiable functions, *Computers Math. Applic.*, **32**(6) (1996), 95–99.
4. S.S. DRAGOMIR, C. BUŞE and D. BARBU, The convergence of some sequences connected with Hadamard's inequality, *Demonstratio Mathematica*, **29**(1) (1996), 53–59.
5. S.S. DRAGOMIR and C.J. GOH, A counterpart of Jensen's discrete inequality for differentiable convex mappings and applications in information theory, *Math. Comput. Modelling*, **24**(2) (1996), 1–11.
6. S.S. DRAGOMIR and B. MOND, A refinement of Jensen's discrete inequality for log-convex mappings and applications, *Bull. Allahabad Math. Soc.*, **10/11** (1995/96), 37–67.
7. S.S. DRAGOMIR and B. MOND, On the superadditivity and monotonicity of Gram's inequality and related results, *Acta Math. Hungarica*, **71**(1–2) (1996), 75–90.

8. S.S. DRAGOMIR and B. MOND, On Cauchy-Buniakowski-Schwarz's inequality for sequences of linear operators in Hilbert spaces, *Houston Journal of Math.*, **22**(2) (1996), 329–339.
9. S.S. DRAGOMIR, B. MOND, C.E.M. PEARCE and J. PEČARIĆ, Interpolations to Jensen's inequality with applications to refinements of the triangle inequality for normed linear spaces, *Studia Univ. "Babeş-Bolyai" Mathematica*, **41**(3) (1996), 17–31.
10. S.S. DRAGOMIR and C.E.M. PEARCE, On Jensen's inequality for a class of functions of Godunova and Levin, *Periodica Math. Hungarica*, **33**(2) (1996), 93–100.
11. S.S. DRAGOMIR, J.E. PEČARIĆ and L.E. PERSSON, Properties of some functionals related to Jensen's inequality, *Acta Math. Hungar.*, **70** (1996), 129–143.
12. S.S. DRAGOMIR and G.-S. YANG, On Hua's inequality in real inner product spaces, *Tamkang J. Math.*, **27** (1996), 227–232.

### 5.5.15 1995

1. S.S. DRAGOMIR, A new improvement of Jensen's inequality, *Indian J. Pure Appl. Math.*, **26**(10) (1995), 959–968.
2. S.S. DRAGOMIR, A sequence of mappings connected with Jensen's inequality, *Riv. Mat. Pura Appl. (Italy)*, **17** (1995), 9–18.
3. S.S. DRAGOMIR,  $G$ -best approximation in normed linear spaces, *Comm. Math. Prace. Math.*, **35** (1995), 123–132.
4. S.S. DRAGOMIR, Hua's inequality for complex number, *Tamkang J. of Math.*, **26** (1995), 257–260.
5. S.S. DRAGOMIR, On some inequalities for positive operators in Hilbert spaces, *Coll. of Sci. Pap. of the Fac. of Sci., Kragujevac*, **17** (1995), 37–42.
6. S.S. DRAGOMIR, On some inequalities in inner product spaces, *Coll. of Sci. Pap. of the Fac. of Sci., Kragujevac*, **17** (1995), 27–36.
7. S.S. DRAGOMIR, Some properties of quasilinearity and monotonicity for Hölder and Minkowski's inequalities, *Tamkang J. of Math.*, **26** (1995), 21–24.
8. S.S. DRAGOMIR and C. BUŞE, Refinements of Hadamard's inequality for multiple integrals, *Utilitas Mathematica (Canada)*, **47** (1995), 193–195.
9. S.S. DRAGOMIR and D.M. MILOSEVIĆ, Two mappings in connection to Jensen's inequality, *Math. Balkanica*, **9**(1) (1995), 3–9.

10. S.S. DRAGOMIR and B. MOND, Some new inequalities for Gram determinants in inner products spaces, *Univ. Beograd Publ. Elek. Fak., Math.*, **6** (1995), 38–45.
11. S.S. DRAGOMIR and B. MOND, Some mappings associated with Cauchy-Buniakowski-Schwarz's inequality in inner product spaces, *Soochow J. of Math.*, **21**(4) (1995), 413–426.
12. S.S. DRAGOMIR and B. MOND, Some inequalities for Fourier coefficients in inner product spaces, *Periodica Math. Hungarica*, **32**(3) (1995), 167–172.
13. S.S. DRAGOMIR and B. MOND, Two refinements of Cauchy-Buniakowski-Schwarz's integral inequality, *Octogon Math. Mag.*, **3** (1995), 7–9.
14. S.S. DRAGOMIR, C.E.M. PEARCE. and J.E. PEČARIĆ, On Jensen's and related inequalities for isotonic sublinear functionals, *Acta. Sci. Math.* (Szeged), **61** (1995), 373–382.
15. S.S. DRAGOMIR, J.E. PEČARIĆ and L.E. PERSSON, Some inequalities of Hadamard type, *Soochow J. of Math. (Taiwan)*, **21** (1995), 335–341.
16. S.S. DRAGOMIR and Gh. TOADER, Refinement of Jensen's inequality, *Demonstratio Math.*, **27** (1995), 329–334.

### 5.5.16 1994

1. S.S. DRAGOMIR, A characterization of reflexivity, *Bull. Math. Soc. Sci. Math. Roumanie*, **38**(86)(1–2) (1994), 33–36.
2. S.S. DRAGOMIR, A generalization of J. Aczel's inequality in inner product spaces, *Acta Math. Hungarica*, **65**(2) (1994), 141–148.
3. S.S. DRAGOMIR, A further improvement of Jensen's inequality, *Tamkang J. of Math.*, **25**(1) (1994), 29–36. ZBL No. 804:26009 . MR 95e:26024.
4. S.S. DRAGOMIR, A note on Schwarz's inequality, *Univ. Beograd, Publ. Elek. Fak., Ser. Math.*, **5** (1994), 3–7.
5. S.S. DRAGOMIR, Some classes of continuous linear functionals on real normed spaces, *Advances in Math.* (China), **23**(1) (1994), 78–82. MR 95b:46020.
6. S.S. DRAGOMIR, Some remarks on Hadamard's inequalities for convex functions, *Extracta Math.*, **9**(2) (1994), 88–94.
7. S.S. DRAGOMIR, S.Z. ARSLANAGIĆ and D.M. MILOSEVIĆ, On Cauchy-Buniakowski-Schwarz's inequality for real numbers, *Mat. Bilten*, **18** (1994), 57–62.



8. S.S. DRAGOMIR and B. CRSTICI, On certain inequalities of Jensen's type, *Coll. of Sci. Pap. of the Fac. Sci., Kragujevac*, **15** (1994), 7–14.
9. S.S. DRAGOMIR and N.M. IONESCU, On an inequality of Tiberiu Popoviciu (II), *Coll. of Sci. Pap. of the Fac. Sci., Kragujevac*, **15** (1994), 21–26.
10. S.S. DRAGOMIR and N.M. IONESCU, Some converse of Jensen's inequality and applications, *Anal. Num. Théor. Approx.*, **23** (1994), 71–78.
11. S.S. DRAGOMIR and D.M. MILOSEVIĆ, Two mappings in connection to Jensen's inequality, *Coll. of Sci. Pap. of the Fac. Sci., Kragujevac*, **15** (1994), 65–74.
12. S.S. DRAGOMIR and B. MOND, On the superadditivity and monotonicity of Schwarz's inequality in inner product spaces, *Contributions, Macedonian Acad. of Sci and Arts*, **15**(2) (1994), 5–22.
13. S.S. DRAGOMIR, B. MOND and J.E. PEČARIĆ, A functional inequality and its applications, *J. of Math. Anal. Appl.*, **187**(1) (1994), 287–295.
14. S.S. DRAGOMIR, J.E. PEČARIĆ and J. SÁNDOR, On some Grüss type inequalities or isotonic functionals, *Rad. Hrvatske Akad.*, (Croatia), **11** (1994), 41–47.
15. S.S. DRAGOMIR and J. SÁNDOR, A note on inequalities of Diaz-Metcalf type for isotonic linear functionals, *Mat. Vesnik*, **46** (1994), 29–31.
16. S.S. DRAGOMIR and J. SÁNDOR, On Bessel's and Gram's inequalities in prehilbertian spaces, *Periodica Math. Hungarica*, **29**(3) (1994), 197–205.

### 5.5.17 1993

1. S.S. DRAGOMIR, A note on Hadamard's inequalities, *Mathematica (Cluj-Napoca)*, **35**(1) (1993), 21–24.
2. S.S. DRAGOMIR, A refinements of Hadamard's inequality for isotonic linear functional, *Tamkang J. of Math.*, **24** (1993), 101–106.
3. S.S. DRAGOMIR, About Cebysev's inequality, *Octagon Math. Mag.*, **1**(1993), 11–13.
4. S.S. DRAGOMIR, On best approximation in smooth normed linear spaces and characteristics of reflexivity and strict convexity, *Contributions, Macedonian Acad. of Sci. and Arts.*, **14**(2) (1993), 27–38.
5. S.S. DRAGOMIR, On Chebysev inequality in ordered linear spaces and applications (I), *Anal. Num. Théor. Approx.*, **22** (1993), 149–160.
6. S.S. DRAGOMIR, On some refinements of Jensen's inequality and applications, *Utilitas Math.*, **43** (1993), 235–243. MR 94d:26014. ZBL No. 792:26032

7. S.S. DRAGOMIR, Some improvement of Čebyšev's inequality for isotonic functionals, *Atti. Sem. Mat. Fis. Univ. Modena (Italy)*, **41** (1993), 473–481.
8. S.S. DRAGOMIR, Two mappings associated with Jensen's inequality, *Extracta Math.*, **8** (1993), 102–105.
9. S.S. DRAGOMIR, Two refinements of the arithmetic mean-geometric inequality, *Nieuw Archief voor Wiskunde*, **11** (1993), 9–12. MR 94c:26025. ZBL No. 785:26013.
10. S.S. DRAGOMIR, D. BARBU and C. BUŞE, A probabilistic argument for the convergence of some sequences associated to Hadamard's inequality, *Studia Univ. "Babeş-Bolyai", Math.*, **38**(1) (1993), 29–33.
11. S.S. DRAGOMIR and B. CRSTICI, A note on Jensen's discrete inequality, *Coll. of Sci. Paper. of the Fac. of Sci. Kragujevac*, **14** (1993), 28–34.
12. S.S. DRAGOMIR and N.M. IONESCU, New properties of  $Q$ -inner-product spaces, *Coll. of Sci. Paper. of the Fac. of Sci. Kragujevac*, **14** (1993), 19–24.
13. S.S. DRAGOMIR, D.M. MILOSEVIĆ and S.Z. ARSLANAGIĆ, A Cauchy–Buniakowski-Schwarz inequality for Lipschitzian functions, *Coll. of Sci. Paper. of the Fac. of Sci. Kragujevac*, **14** (1993), 25–28.
14. S.S. DRAGOMIR, D.M. MILOSEVIĆ and J. SÁNDOR, On some refinements of Hadamard's inequalities and applications, *Univ. Beograd, Publ. Elek. Fak., Ser. Math.*, **4** (1993), 21–24.
15. S.S. DRAGOMIR and Gh. TOADER, A new improvement of Jensen's inequality, *Coll. of Sci. Paper. of the Fac. of Sci. Kragujevac*, **14** (1993), 29–34.
16. S.S. DRAGOMIR and Gh. TOADER, Some inequalities for  $m$ -convex functions, *Studia Univ. "Babeş-Bolyai", Math.*, **38**(1) (1993), 21–28.

### 5.5.18 1992

1. S.S. DRAGOMIR, Approximation of continuous linear functionals in real normed spaces, *Rend. di Mat. (Roma)*, **12** (1992), 357–364. MR 94a:46017. ZBL No. 787:46012.
2. S.S. DRAGOMIR, Continuous linear functionals and norm derivatives in real normed spaces, *ibidem*, *Univ. Beograd, Publ. Elek. Fak., Ser. Math.*, **3** (1992), 5–12. ZBL No. 787:46011. MR 94 f:46026.
3. S.S. DRAGOMIR, Existence theorems for some operatorial equations in Hilbert spaces, *Studia Univ. "Babeş-Bolyai", Math.*, **37**(2) (1992), 73–83.

4. S.S. DRAGOMIR, On discrete generalization of Pachpatte's inequality and applications, *Bull. Math. de la Soc. Math. de Roumanie*, **36**(1) (1992), 45–58. ZBL No. 804:26014.
5. S.S. DRAGOMIR, On Hadamard's inequalities for convex functions, *Mat. Balkanica*, **6** (1992), 215–222. MR 93h:26033.
6. S.S. DRAGOMIR, On some nonlinear generalizations of Gronwall's inequality, *Contributions, Macedonian Acad. of Sci. and Arts*, **13**(2) (1992), 23–28.
7. S.S. DRAGOMIR, Representation of continuous linear functionals on complete SQ-inner-products spaces, *Anal. Univ. Timișoara, Sect. St. Mat.*, **30** (1992), 241–250.
8. S.S. DRAGOMIR, Smooth normed spaces of (BD)-type, *J. Fac. Sci. Univ. Tokyo., Sect. I A. Math.*, **39** (1992), 1–15. MR 93e:46017.
9. S.S. DRAGOMIR, Some integral inequalities for differentiable convex functions, *Contributions, Macedonian Acad. of Sci. and Arts*, **13**(1) (1992), 13–17.
10. S.S. DRAGOMIR, Some refinements of Jensen's inequality, *J. Math. Anal. Appl.*, **168** (1992), 518–522. MR 93e:26014. ZBL No. 765:26007.
11. S.S. DRAGOMIR, Some refinements of Ky Fan's inequality, *J. Math. Anal. Appl.*, **163** (1992), 317–321. MR:93d:26019. ZBL No. 768:26006.
12. S.S. DRAGOMIR, Two mappings in connection to Hadamard's inequalities, *J. Math. Anal. Appl.*, **167**(1992), 49–56. MR:93m:26038, ZBL No. 758:26014.
13. S.S. DRAGOMIR and Š.Z. ARSLANAGIĆ, An improvement of Cauchy-Buniakowski-Schwarz's inequality, *Mat. Bilten (Scopje)*, **16** (1992), 77–80. ZBL No. 799:26017.
14. S.S. DRAGOMIR and B. CRSTICI, Deux inégalités pour des fonctions convexes, *Univ. Beograd Publ. Elek. Fak., Ser. Mat.*, **3** (1992), 17–20. ZBL No. 772:26011. MR 94b:26023
15. S.S. DRAGOMIR and N.M. IONESCU, Some integral inequalities for differentiable convex functions, *Coll. Pap. of the Fac. of Sci. Kragujevac*, **13** (1992), 11–16. ZBL No. 770:26009, MR 94g:26031.
16. S.S. DRAGOMIR and N.M. IONESCU, Some remarks in convex functions, *Anal. Num. Théor. Approx.*, **21** (1992), 31–36. MR 93m:26023 ZBL No. 770:26008.
17. S.S. DRAGOMIR and D.M. MILOSEVIĆ, A sequence of mappings connected with Jensen's inequality and applications, *Matem. Vesnik (Belgrade)*, **44**(1992), 113–121. ZBL No. 790:26015.

18. S.S. DRAGOMIR, B. MOND and J.E. PEČARIĆ, Some remarks on Bessel's inequality in inner product spaces, *Studia Univ. Babeş-Bolyai, Math.*, **37**(4) (1992), 77–86.
19. S.S. DRAGOMIR and J.E. PEČARIĆ, A generalization of Slater's inequality, *Coll. Pap. of the Fac. of Sci. Kragujevac*, **13** (1992), 5–9. ZBL No. 778:26009. MR 94e:26033.
20. S.S. DRAGOMIR and J. SÁNDOR, Some inequalities for uniformly-convex functions, *Mathematica, (Cluj-Napoca)*, **34** (1992), 133–138. ZBL No. 787:26014. MR 94m:26023.

### 5.5.19 1991

1. S.S. DRAGOMIR, A characterization of reflexivity and strict convexity, *Coll. of Sci Pap. the Fac. of Sci. Kragujevac*, **12** (1991), 7–11. MR 92i:46013. ZBL No. 763:46007.
2. S.S. DRAGOMIR, A mapping in connection to Hadamard's inequalities, *An. Oster. Akad. Wiss. Math.-Natur. (Wien)*, **128** (1991), 17–20. MR 93h:26032. ZBL No. 747:26015.
3. S.S. DRAGOMIR, An improvement of Jensen's Inequality, *Mat. Bilten (Scopje)*, **15** (1991), 35–37. MR 92k:26043, ZBL No. 791:26012.
4. S.S. DRAGOMIR, Best approximation in linear spaces endowed with subinner products, *Mat. Balkanica*, **5** (1991), 271–278. MR 93a:41063. ZBL No. 759:41032.
5. S.S. DRAGOMIR, Best approximation in prehilbertian spaces and applications to continuous sublinear functionals, *Anal. Univ. Timișoara, Ser. Math.*, **29**(2-3),137–14. ZBL No. 791:46009. MR 95b:41039.
6. S.S. DRAGOMIR, Best approximation in Q-inner-product spaces, *Studia Univ. "Babeş-Bolyai" Math.*, **36**(1) (1991), 75–80. MR 95c:46020.
7. S.S. DRAGOMIR, Characterizations of proximal, semicebychevian and chebysevian subspaces in real normed spaces, *Num. Funct. Anal. and Optim., (USA)*, **12**(5–6) (1991), 487–492. MR 93g:46011.
8. S.S. DRAGOMIR, Linear and continuous functionals on R-semi-inner products spaces, *Mathematica (Cluj-Napoca)*, **33** (1991), 48–58. MR 93f:46028.
9. S.S. DRAGOMIR, Nonlinear discrete generalizations of Gronwall's inequality, *Anal. Univ. Timișoara, Ser. Math.*, **29**(1) (1991), 45–50. ZBL No. 803:26007.
10. S.S. DRAGOMIR, On approximation of continuous linear functionals in normed linear spaces, *Anal. Univ. Timișoara, Ser. Math.*, **29**(1) (1991), 51–58. ZBL No. 786:46016.

11. S.S. DRAGOMIR, Some inequalities for convex functions, *Contributions, Macedonian Acad. of Sci. and Arts*, **12** (1991), 76–79.
12. S.S. DRAGOMIR, The approximation of continuous linear functionals, *Extracta Math.*, **6**(1) (1991), 51–51.
13. S.S. DRAGOMIR and Š.Z. ARSLANAGIĆ, A refinement of Cauchy-Buniakowsky-Schwarz inequality, *Radovi Mat., (Sarajevo)*, **7** (1991), 299–303. MR 92k:26042. ZBL No. 748:26010.
14. S.S. DRAGOMIR and N.M. IONESCU, A refinement of Jensen's inequality, *Anal. Num. Théor. Approx.*, **20** (1991), 39–41. ZBL No. 758:26013.
15. S.S. DRAGOMIR and N.M. IONESCU, New properties of Q-inner Product spaces, *Collection of Scientific Papers of the Faculty of Science, Kraguevac*, **14** (1991), 25–28.
16. S.S. DRAGOMIR, D.M. MILOSEVIĆ and Š.Z. ARSLANAGIĆ, A Cauchy-Buniakowski-Schwartz inequality for Lipschitzian functions, *Collection of Scientific Papers of the Faculty of Science, Kraguevac*, **14** (1991), 19–24
17. S.S. DRAGOMIR, J.E. PEČARIĆ and J. SÁNDOR, The Chebyshev inequality in prehilbertian spaces (III), *4th Symposium on Mathematics and Applications*, Technical University of Timișoara, 1991.
18. S.S. DRAGOMIR and Gh. TOADER, A new improvement of Jensen's inequality, *Collection of Scientific Papers of the Faculty of Science, Kraguevac*, **14** (1991), 29–34.
19. D.M. MILOSEVIĆ and S.S. DRAGOMIR, On some geometric inequalities, *Astra Mathematica (Sibiu) (Romania)*, **2** (1991).
20. J. E. PEČARIĆ and S.S. DRAGOMIR, A generalization of Hadamard's inequality for isotonic linear functionals, *Radovi Mat. (Sarajevo)*, **7** (1991) 103–107. MR 92h:26026. ZBL No. 738:26006.

### 5.5.20 1990

1. S.S. DRAGOMIR, A generalization of James' and Krein's theorems, *Anal. Num. Théor. Approx.*, **19** (1990), 129–132. ZBL No. 764:46002. MR 94f:46025.
2. S.S. DRAGOMIR, A refinement of Čebyšev's inequality (Romanian), *Gaz. Mat.*, (Bucharest), 8–9 (1990), 225–226.
3. S.S. DRAGOMIR, An improvement of Jensen's inequality, *Bull. Math. Soc. Sci. Math. Roumanie* (Bucharest), **34** (4) (1990), 291–296. ZBL No. 753:26010.

4. S.S. DRAGOMIR, Existence theorems for some operatorial equations in Hilbert spaces, *An. Univ. București, Mat.*, **39** (1990), 6–13. ZBL No. 748:47007. MR 93a:47012.
5. S.S. DRAGOMIR, On an inequality for real numbers, *Astra Mathematica (Sibiu)* (Romania), **1**(4) (1990), 22–23. ZBL No. 753:26007
6. S.S. DRAGOMIR, On best approximation in modules endowed with semi-subinner products, *Anal. Univ. Timișoara, Ser. Math.*, **28** (1990), 135–144. ZBL No. 786:41023.
7. S.S. DRAGOMIR, On continuous sublinear functionals on reflexive Banach spaces and applications, *Riv. Mat. Univ. Parma* **16** (1990), 239–250. MR 92h:46016. ZBL NO. 736:46007.
8. S.S. DRAGOMIR, On some characterization of inner product spaces, *Anal. Univ. “Al. I. Cuza”, Iași, Math.*, (Romania), **36** (1990), 193–197. ZBL No. 751:46020 ; MR 93b:46039.
9. S.S. DRAGOMIR, On some improvements of Čebyšev’s inequality for sequences and integrals, *Studia Univ. “Babeș-Bolyai” Math.*, **35**(4) (1990), 35–40. MR 94c:26024.
10. S.S. DRAGOMIR, Some refinements of Hadamard’s inequalities, *Gaz. Mat. Metod.*, **11** (1990), 189–191.
11. S.S. DRAGOMIR, Some theorems of surjectivity for a class of nonlinear operators, *Mathematica (Cluj-Napoca)*, **32** (1990), 9–14. ZBL No. 757:47031. MR 93c:47093.
12. S.S. DRAGOMIR, Theorems of pseudoorthogonal decomposition in normed linear spaces, *Extracta Mathematicae (Spain)*, **5**(1) (1990), 35–37.
13. S.S. DRAGOMIR, Two refinements of Hadamard’s inequalities, *Coll. of Sci. Pap. of the Fac. of Sci., Kragujevac* (Yugoslavia), **11** (1990), 23–26. ZBL No. 729:26017.
14. S.S. DRAGOMIR and N.M. IONESCU, On an approximation property for continuous linear functionals in Banach spaces, *Studia Univ. “Babeș-Bolyai”*, **35**(2) (1990), 57–60. ZBL No. 788:41024. MR 94f:46027.
15. S.S. DRAGOMIR and N.M. IONESCU, On some inequalities for convex-dominated functions, *Anal. Num. Théor. Approx*, **19** (1990), 21–28. MR 93b:26014. ZBL No. 733:26010.
16. S.S. DRAGOMIR and N.M. IONESCU, Some remarks on a converse of Ky Fan’s inequality, *“Studia Univ.”Babeș-Bolyai”*, **35**(4) (1990), 21–24. MR 94b:26022.
17. S.S. DRAGOMIR and D.M. MILOSEVIĆ, On some geometric inequalities, *Astra Math.*, **1**(5) (1990), 22–24. ZBL No. 758:26015.

18. S.S. DRAGOMIR, J.E. PEČARIĆ and J. SÁNDOR, A note on the Jensen-Hadamard inequality, *Anal. Num. Théor. Approx.*, **19** (1990) 29–34. MR 93c:26016. ZBL No. 743:26016.
19. S.S. DRAGOMIR, J.E. PEČARIĆ and J. SÁNDOR, Some generalizations of Cauchy-Buniakowski - Schwarz's inequality for isotonic functionals, *Bull. Univ. Braşov.*, **32** (1990), 17–22.
20. S.S. DRAGOMIR and J. SÁNDOR, Some generalizations of Cauchy-Buniakowski-Schwarz's inequality (Romanian), *Gaz. Mat. Metod.*, **11** (1990), 104–109.
21. J.E. PEČARIĆ and S.S. DRAGOMIR, On some integral inequalities for convex functions, *Bul. Inst. Pol. Iaşi*, **36**(1–4) (1990), 19–23. MR 93i:26019. ZBL No. 765:26008.
22. J.E. PEČARIĆ and S.S. DRAGOMIR, Some remarks on Cebyshev's inequality, *Anal. Num. Théor. Approx.*, **19** (1990), 59–66. MR 93d:26022. ZBL No. 732:26019.

### 5.5.21 1989

1. S.S. DRAGOMIR, A class of semi-inner products and applications (I), *Anal. Num. Théor. Approx.*, **18** (1989), 111–122. MR 91m:46030. ZBL No. 703:46015.
2. S.S. DRAGOMIR, A refinement of Jensen's inequality, *Gaz. Mat. Metod.*, **10** (1989), 190–191.
3. S.S. DRAGOMIR, On best approximation in the sense of Lumer and applications, *Riv. Mat. Univ. Parma (Italy)*, **15** (1989), 253–263. ZBL No. 718:41037. MR 91f:41025.
4. S.S. DRAGOMIR, On existence of solutions for some operatorial equations in Hilbert spaces, *Anal. Univ. Timişoara, Sect. Math.*, **27**(2) (1989), 23–30.
5. S.S. DRAGOMIR, On the sublinear functionals in real Hilbert spaces (Romanian), *Stud. Cerc. Mat.*, **41** (1989), 23–32. MR 91c:46035. ZBL No. 667:46012.
6. S.S. DRAGOMIR, Representation of linear forms on modules endowed with semi-subinner products, *Mathematica (Cluj-Napoca)*, **31** (1989), 119–126. ZBL No. 760:16001. MR 91m:16004.
7. S.S. DRAGOMIR, Some characterization of inner-product spaces and applications, *Studia Univ. Babeş-Bolyai, Math.*, **34**(1) (1989), 50–55. MR 91m:46028. ZBL No. 703:46014.

8. S.S. DRAGOMIR, Some inequalities for convex functions, *Macedonian Acad. of Sci. and Arts., Contributions* (Scopje), **10** (1989), 25–28. MR 93h:26034.
9. S.S. DRAGOMIR, Some refinements of Cauchy-Schwarz inequality, *Gaz. Mat. Metod.*, **10** (1989), 93–95. ZBL No. 699:46013.
10. S.S. DRAGOMIR, Theorems of orthogonal decomposition in normed spaces (Romanian), *Stud. Cerc. Mat.*, **41** (1989), 381–392. MR 91e:46022. ZBL No. 695:46007.
11. S.S. DRAGOMIR and N.M. IONESCU, On nonlinear integral inequalities of two independent variables, *Studia Univ. “Babeş-Bolyai”- Math.*, **34**(2) (1989), 11–17. MR 91g:26022.
12. S.S. DRAGOMIR and J.E. PEČARIĆ, Refinements of some inequalities for isotonic functionals, *Anal. Num. Theor. Approx.*, **18** (1989), 61–65. MR 91g:26033. ZBL No. 681:26009.
13. J.E. PEČARIĆ and S.S. DRAGOMIR, A refinement of Jensen’s inequality and applications, *Studia Univ. “Babeş-Bolyai”*, **34**(1) (1989), 15–19. MR 91g:26029, ZBL No. 687:26009.
14. J.E. PEČARIĆ and S.S. DRAGOMIR, Some inequalities for quasilinear functionals, *Punime Matematike* (Yugoslavia), **4** (1989), MR 92a:26018. ZBL No. 731:26012.
15. J.E. PEČARIĆ, S.S. DRAGOMIR and B. CRSTICI, On the Olovyanisnikov-Schoenberg theorem and some similar results, *Studia. Univ. “Babeş-Bolyai”- Math.*, **34**(4) (1989), 34–39. MR 91h:26008.

### 5.5.22 1988

1. S.S. DRAGOMIR, A characterization of the elements of best approximation in real normed spaces, *Studia Univ. “Babeş-Bolyai” - Mathematica*, **33**(3) (1988), 74–80. MR 90m:41052. ZBL No. 697:41013.
2. S.S. DRAGOMIR, Inequality of Cauchy-Buniakowski-Schwarz’s type for positive linear functionals, *Gaz. Mat. Metod.*, (Bucharest), **9** (1988), 162–166. ZBL No. 716:26009.
3. S.S. DRAGOMIR, On some Gronwall type lemmas, *Studia Univ. “Babeş-Bolyai” - Mathematica*, **33**(4) (1988), 29–36. MR 90k:26027. ZBL No. 683:26007.
4. S.S. DRAGOMIR, On some qualitative aspects for a pair of Volterra integral equation (I), *Anal. Univ. Timișoara, Sect. Math.*, **26**(1) (1988), 23–34. MR90i:45002. ZBL No. 677:45003.



5. S.S. DRAGOMIR, Representation of continuous linear functionals on smooth normed linear spaces, *Anal. Num. Théor. Approx.*, **17** (1988), 125–132. MR 91a:460016. ZBL No. 677:46004.

### 5.5.23 1987

1. S.S. DRAGOMIR, A characterization of best approximation element in real normed spaces (Romanian), *Stud. Cerc. Mat. (Bucharest)*, **39** (1987), 497–506. MR 88k:41032. ZBL No. 644 ; 41022.
2. S.S. DRAGOMIR, A refinement of Cauchy-Schwarz's inequality, *Gazeta Mat. Metod. (Bucharest)*, **8** (1987), 94–95. ZBL No. 632:26010.
3. S.S. DRAGOMIR, On the inequality of Tiberiu Popovici (Romanian), *Gaz. Mat. Metod. (Bucharest)*, **8** (1987), 124–128. ZBL No. 712:11007.
4. S.S. DRAGOMIR, On Volterra integral equations with kernels of (L)-type, *Anal. Univ. Timișoara Sect. Math.*, **25**(2) (1987), 21–42. MR 89g:45007 ZBL No.657:45005.
5. S.S. DRAGOMIR, Representation of continuous linear functionals on smooth reflexive Banach spaces, *Anal. Num. Théor. Approx. (Cluj-Napoca)*, **16** (1987), 19–28. MR 89f:46028; ZBL No. 629:46009.
6. S.S. DRAGOMIR and B. CRSTICI, Sur une inequation fonctionnelle, *Luc. Sem. Mat. Fiz., Poly. Inst. of Timișoara* 1987, 30–32. MR 89c:39011, ZBL No. 729:39007.
7. S.S. DRAGOMIR, B. CRSTICI and M. NEAGU, Une inegalité inverse pour l'inegalité d'Hölder, *Luc. Sem. Mat. Fiz., Poly. Inst. of Timișoara* 1987, 67–69. MR 90d ; 26028. ZBL No. 717:26008.
8. S.S. DRAGOMIR and N. M. IONESCU, The Wendroff type lemmas and applications (IV), *Bull. St. Inst. Pol. Cluj-Napoca*, **30** (1987), 19–22. MR 93d:45003a.
9. S.S. DRAGOMIR and Ș. MATEI, Inequalities of Čebyšev-Grüss type, *Bull. Univ. Brașov (Romania)*, **29** (1987), 119–122. MR 89h:13035. ZBL No. 644:26014.
10. S.S. DRAGOMIR and J. SÁNDOR, Some inequalities in prehilbertian spaces, *Studia Univ. "Babeș-Bolyai" - Mathematica*, **32**(1) (1987), 71–78. MR 89h:46034. ZBL No. 634:46015.

### 5.5.24 1986

1. S.S. DRAGOMIR, A Volterra integral equation, *Anal. Univ. Timișoara, Sect. St. Mat.*, **24** (1986), 8–17. MR 88a:45003; ZBL No. 597:45002.

2. S.S. DRAGOMIR, On logarithmically convex functions, *Bull. St. Inst. Poly. Cluj-Napoca*, **29** (1986), 31–34. MR 90a:26017, ZBL No. 657:26009.
3. S.S. DRAGOMIR and Ș. MATEI, Congruences of Čebyšev's type, *Luc. Sem. Mat. Fiz., Poly. Inst. Timisoara*, Nov. 1986, 1–5. MR 89b:13004, ZBL No. 752:46033.

## 5.6 Papers in Conference Proceedings

### 1986

1. S.S. DRAGOMIR, The interpolation of the continuous linear functionals on a real reflexive Banach space, *Itin. Sem. on Funct. Eq. Approx. and Convex. "Babes-Bolyai" Univ.* (Cluj-Napoca) (Romania), 1986, 93-100. ZBL No. 619:46008.
2. S.S. DRAGOMIR, Congruences and inequalities of Cebysev's type, *Luc. Conf. Nat. Alg. Timisoara*, 4-7 April 1986, Univ. Timisoara, 37-40. MR 90c:13004.
3. S.S. DRAGOMIR, Q-normed linear spaces, *Luc. Conf. Nat. Geom. Top., Targoviste*, 12-14 April 1986, 69-72. MR 90h:46041, ZBL No. 669:46014.
4. S.S. DRAGOMIR, (with Sandor J.) Some inequalities in prehilbertian spaces, (ibidem), 73-76. MR 89m:46033. ZBL No. 669:46013.

### 1987

1. S.S. DRAGOMIR, (with Munteanu I.) Linear and continuous functionals on complete Q-inner product spaces, *Sem. on Math. Anal.*, No. 7(1987), "Babes-Bolyai" University (Cluj-Napoca), 59-68. ZBL No. 631:46026, MR 89a:46051.
2. S.S. DRAGOMIR, Linear and continuous functionlas on complete R-semi-inner product spaces (I), *Itin. Sem. on Funct. Eq. Approx. and Convex.* No. 7 (Cluj-Napoca), 1987, 127-134. MR 90f:46040, ZBL No. 649:46023.
3. S.S. DRAGOMIR, (with Ionescu N. M.) The Wendroff type lemmas and applications (I) (ibidem), 135-142. MR 90k:26024. ZBL No. 648:26010.
4. S.S. DRAGOMIR, (with Sándor J.) The Cebysev's inequality in prehilbertian spaces (I), *Proc. of the Second Symp. of Math. and Its Appl.*, 30-31 Oct.1987 Poly. Inst. of Timisoara, 61-64. MR. 90k:46048, ZBL No. 695:46009.
5. S.S. DRAGOMIR, (with Ionescu N. M.) The Wendroff type lemmas and aplications (II), (ibidem), 65-68. MR 90k:26025. ZBL No. 673:26007.

6. S.S. DRAGOMIR, A surjectivity theorem for nonlinear operators, (*ibidem*), 69-72. MR. 90e:47065. ZBL No. 696:47055.

**1988**

1. S.S. DRAGOMIR, (with Ionescu N. M.) The Wendroff type lemmas and applications (III), *Itin. Sem. on Funct. Eq. Approx. and Convex.* (Cluj-Napoca), 1988, 163-168. MR 90k:26026. ZBL No. 706:26016.
2. S.S. DRAGOMIR, Linear and continuous functionals on complete R-semi-inner product spaces (II), (*ibidem*), MR 90f:46041. ZBL No. 667:46013.

**1989**

1. S.S. DRAGOMIR, On an inequality of Tiberiu Popoviciu (I), *Itin. Sem. on Funct. Eq. Approx. and Convex.* (Cluj-Napoca), 1989, 139-146. MR 90m:41003. ZBL No. 692:26010.
2. S.S. DRAGOMIR, (with Ionescu N. M.) The Wendroff type lemmas and applications (V), (*ibidem*), 147-154. MR 93d:45003b.
3. S.S. DRAGOMIR, (with Pecaric J. E. and Sandor J.) On some type inequalities, (*ibidem*), 155-158. MR 91g:26032. ZBL No. 719:46028.
4. S.S. DRAGOMIR, (with Pecaric J. E.) On an inequality of Godunova-Levin and some refinements of Jensen's integral inequality, (*ibidem*), 263-268. MR 91d:26024. ZBL No. 678:26009.
5. S.S. DRAGOMIR, On Cauchy-Buniakowski-Schwarz inequality for isotonic functionals, *Sem. on Opt. Theory*, No. 8, 1989, 27-34. Univ. "Babes-Bolyai". MR 93a:46038. ZBL No. 726:26015.
6. S.S. DRAGOMIR, (with Pecaric J. E. and Sandor J.) The Cebysev inequality in prehilbertian spaces (II), *Proc. of the third Symp. of Math. and Its Appl.*, 3-4 Nov. 1989, Poly. Inst. of Timisoara, 75-78. MR 94m:46033.
7. S.S. DRAGOMIR, (with Ionescu N. M.) Some refinements of Cauchy-Buniakowski-Schwarz inequality for sequences, (*ibidem*), 78-82.
8. S.S. DRAGOMIR, Local representation of the distance functional in inner product spaces, (*ibidem*), 83-86, MR 94m:46035.
9. S.S. DRAGOMIR, A generalization of best approximation, *Proc. of the XX-th Nat. Conf. on Geom. and Top.*, Oct. 5-7, 1989. Timisoara University, 87-90.

**1991**

1. S.S. DRAGOMIR, A refinement of Gram's inequality in inner product spaces, *Proc. of the Fourth Symp. of Math. and Its Appl.*, 1-2 Nov., 1991, Timisoara, Poly. Inst., 188-191, MR 95c:46032.
2. S.S. DRAGOMIR, (with Pecaric J. E. and Sandor J.) The Cebysev's inequality in prehilbertian spaces (III), (*ibidem*), 184-187, MR 95c:46031.

### 1993

1. S.S. DRAGOMIR, (with Pecaric J. E.) On Cauchy-Buniakowski-Schwarz inequality in Banach spaces, *Proc. of the Fifth Symp. of Math. and its Appl.*, 29-30 Oct. 1993, Techn. Univ. Timisoara, 1993, 93-98.

### 2002

1. N.S. BARNETT and S.S. DRAGOMIR, An approximation for the Fourier transform of absolutely continuous mappings, *Proc. 4th Int. Conf. on Modelling and Simulation*, 2002, 351-355.
2. P. CERONE and S.S. DRAGOMIR, New inequalities for the Čebyšev functional involving two  $n$ -tuples of real numbers and applications, *Proc. 4th Int. Conf. on Modelling and Simulation*, 2002, 345-350.
3. S.S. DRAGOMIR and A. SOFO, Ostrowski type inequalities for functions whose derivatives are convex, *Proc. 4th Int. Conf. on Modelling and Simulation*, 2002, 369-374.
4. G. HANNA, S.S. DRAGOMIR and J. ROUMELIOTIS, An approximation for the Finite-Fourier transform of two independent variables, *Proc. 4th Int. Conf. on Modelling and Simulation*, 2002, 375-380.

## 5.7 Science citation index information

My work has been cited **634** times in the ISI Web of Science (12 September 2005, University of Melbourne database on line).

Some of the most cited papers I published are as follows:

- 
1. Title: Applications of Ostrowski's inequality to the estimation of error bounds for some special means and for some numerical quadrature rules  
Author(s): Dragomir, SS; Wang, S  
Source: APPLIED MATHEMATICS LETTERS Volume: 11 Issue: 1 Pages: 105-109 Published: JAN 1998  
Times Cited: 31  

2. Title: A new generalization of Ostrowski's integral inequality for mappings whose derivatives are bounded and applications in numerical integration and for special means  
Author(s): Dragomir, SS; Cerone, P; Roumeliotis, J  
Source: APPLIED MATHEMATICS LETTERS Volume: 13 Issue: 1 Pages: 19-25 Published: JAN 2000  
Times Cited: 24  

3. Title: On Simpson's inequality and applications  
Author(s): Dragomir, SS; Agarwal, RP; Cerone, P  
Source: JOURNAL OF INEQUALITIES AND APPLICATIONS Volume: 5 Issue: 6 Pages: 533-579 Published: 2000  
Times Cited: 21  
 
4. Title: A generalization of Gruss's inequality in inner product spaces and applications  
Author(s): Dragomir, SS  
Source: JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS Volume: 237 Issue: 1 Pages: 74-82  
Published: SEP 1 1999  
Times Cited: 18  

- 
5. Title: Inequalities for beta and gamma functions via some classical and new integral inequalities  
Author(s): Dragomir, SS; Agarwal, RP; Barnett, NS  
Source: JOURNAL OF INEQUALITIES AND APPLICATIONS Volume: 5 Issue: 2 Pages: 103-165 Published: 2000  
Times Cited: 16  
 
6. Title: On the Ostrowski's integral inequality for mappings with bounded variation and applications  
Author(s): Dragomir, SS  
Source: MATHEMATICAL INEQUALITIES & APPLICATIONS Volume: 4 Issue: 1 Pages: 59-66 Published: JAN 2001  
Times Cited: 11  

7. Title: Some integral inequalities of Gruss type  
Author(s): Dragomir, SS  
Source: INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS Volume: 31 Issue: 4 Pages: 397-415  
Published: APR 2000  
Times Cited: 11  

8. Title: Two inequalities for differentiable mappings and applications to special means of real numbers and to trapezoidal formula  
Author(s): Dragomir, SS; Agarwal, RP  
Source: APPLIED MATHEMATICS LETTERS Volume: 11 Issue: 5 Pages: 91-95 Published: SEP 1998  
Times Cited: 11  


9. Title: [Notes on the Schur-convexity of the extended mean values](#)  
 Author(s): Qi, F; Sandor, J; Dragomir, SS, et al.  
 Source: TAIWANESE JOURNAL OF MATHEMATICS Volume: 9 Issue: 3 Pages: 411-420 Published: SEP 2005  
 Times Cited: 9
10. Title: [Some remarks on the trapezoid rule in numerical integration](#)  
 Author(s): Dragomir, SS; Cerone, P; Sofo, A  
 Source: INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS Volume: 31 Issue: 5 Pages: 475-494  
 Published: MAY 2000  
 Times Cited: 9

Over 700 citations to my work may also be found if one uses the Google Scholar search facility

(see [http://scholar.google.com.au/scholar?as\\_q=&num=100&btnG=Search+Scholar&as\\_epq=&as\\_oq=&as\\_eq=&as\\_occt=any&as\\_sauthors=SS+Dragomir&as\\_publication=&as\\_ylo=&as\\_yhi=&as\\_allsubj=some&as\\_subj=eng&hl=en](http://scholar.google.com.au/scholar?as_q=&num=100&btnG=Search+Scholar&as_epq=&as_oq=&as_eq=&as_occt=any&as_sauthors=SS+Dragomir&as_publication=&as_ylo=&as_yhi=&as_allsubj=some&as_subj=eng&hl=en)).

Some of the most cited works are the following:

#### Scholar [All articles](#) [Recent articles](#)

Re

##### [An inequality of Ostrowski-Grüss' type and its applications to the estimation of error ...](#)

SS Dragomir, S Wang - Computers and Mathematics with Applications, 1997 - Elsevier  
 Computers Math. Applic. Vol. 33, No. 11, pp. 1520, 1997 Pergamon Copyright()1997  
 Elsevier Science Ltd Printed in Great Britain. All rights reserved 08981221 97  
 17.00 t 0.00 Plh S08981221(97)000849 An Inequality of OstrowskiGrüss Type ...

[Cited by 57](#) - [Related articles](#) - [Get This in Print at VU Library](#) - [BL Direct](#)

##### [Applications of Ostrowski's inequality to the estimation of error bounds for some special ...](#)

SS Dragomir, S Wang - Applied mathematics letters, 1998 - cat.inist.fr  
 APPLICATIONS OF OSTROWSKI'S INEQUALITY TO THE ESTIMATION OF ERROR BOUNDS FOR  
 SOME SPECIAL MEANS AND FOR SOME NUMERICAL QUADRATURE RULES. SS DRAGOMIR, S WANG  
 Applied mathematics letters 11:11, 105-109, Elsevier, 1998.

[Cited by 60](#) - [Related articles](#) - [Get This in Print at VU Library](#) - [All 2 versions](#)

##### [A new inequality of Ostrowski's typ in \$L\_{\infty}\$ norm and applications to some special means ...](#)

SS Dragomir, S Wang - Tamkang Journal of Mathematics, 1997 - mathnet.or.kr

[Cited by 59](#) - [Related articles](#) - [Cached](#) - [BL Direct](#) - [All 2 versions](#)

##### [A new generalization of Ostrowski's integral inequality for mappings whose derivatives are ...](#) - [Check VU Library](#)

SS Dragomir, P Cerone, J Roumeliotis - Applied Mathematics Letters, 2000 - ingentaconnect.com

In this paper, we establish a new inequality of Ostrowski type for functions with bounded derivatives. This has immediate applications in numerical integration where new estimates are obtained for the remainder term of the ...

[Cited by 54](#) - [Related articles](#)

##### [A generalization of Grüss's inequality in inner product spaces and applications](#) - [Check VU Library](#)

SS Dragomir - Journal of mathematical analysis and applications, 1999 - cat.inist.fr

A generalization of Grüss's inequality in inner product spaces and applications. SS DRAGOMIR. Journal of mathematical analysis and applications 237:11, 74-82, Elsevier, 1999. A generalization of ...

[Cited by 54](#) - [Related articles](#) - [BL Direct](#) - [All 3 versions](#)

[Trapezoidal-type rules from an inequalities point of view](#)P Cerone, **SS Dragomir** - Handbook of Analytic-Computational Methods in ... - books.google.com

Chapter 3 Trapezoidal-Type Rules from an Inequalities Point of View Pietro

Cerone and Sever S. Dragomir School of Communications and Informatics, Victoria

University of Technology, PO Box 14428, Melbourne City MC, Victoria 8001, ...

[Cited by 38](#) - [Related articles](#)[Midpoint-type rules from an inequalities point of view](#)P Cerone, **SS Dragomir** - Handbook of Analytic-Computational Methods in ..., 2000 - books.google.com

Chapter 4 Midpoint-Type Rules from an Inequalities Point of View Pietro Cerone

and Sever S. Dragomir School of Communications and Informatics, Victoria

University of Technology, PO Box 14428, Melbourne City MC, Victoria 8001, ...

[Cited by 35](#) - [Related articles](#)[CITATION\] An inequality of Gruss type for Riemann-Stieltjes integral and applications for special means](#)**SS Dragomir**, I Fedotov - AN INEQUALITY OF OSTROWSKI'S TYPE FOR ...[Cited by 33](#) - [Related articles](#) - [BL Direct](#)[Inequalities of Hadamard's type for Lipschitzian mappings and their applications-Check VU Library](#)**SS Dragomir**, YJ Cho, **SS Kim** - Journal of Mathematical Analysis and Applications, 2000 - Elsevier

Inequalities of Hadamard's Type for Lipschitzian Mappings and Their

Applications. **SS Dragomir**, YJ Cho, **SS Kim** Journal of Mathematical Analysis

and Applications 245:22, 489-501, Elsevier Inc., 5/2000. ...

[Cited by 33](#) - [Related articles](#) - [BL Direct](#) - [All 4 versions](#)[BOOK\] Advances in Inequalities of the Schwarz, Grüss, and Bessel Type in Inner Product Spaces-► arxiv.org PDF\]](#)**SS Dragomir** - 2005 - books.google.com

Üc&gt; nt61t8 Part 1. Il.6V6l-86 InqualitiSL (ÜN3,pt6l 1. Il.Svei-868 kor tne

3cNXVÄI2 IneqUÄÜt\* 1 1. Introdution 1 2. ^n ^66itive Il.6V6l86 ok tn6

8cnw5i-2 IneqnÄllt\* 2 3. ^ (36ner2l8Ät,ic&gt;n ok tne &lt;Ü3x86l8 ...

[Cited by 26](#) - [Related articles](#) - [Get This in Print at VU Library](#) - [All 4 versions](#)[The unified treatment of trapezoid, Simpson, and Ostrowski type inequality for monotonic ....-Check VU Library](#)**SS Dragomir**, J Pecaric, S Wang - Mathematical and computer modelling, 2000 - cat.inist.fr

The unified treatment of trapezoid, Simpson, and Ostrowski type inequality for

monotonic mappings and applications. **SS DRAGOMIR**, J PECARIC, S WANG Mathematical

and computer modelling 31:6-76-7, 61-70, Elsevier Science, 2000. ...

[Cited by 25](#) - [Related articles](#) - [BL Direct](#) - [All 3 versions](#)[Two inequalities for differentiable mappings and applications to special means of real ....](#)**SS Dragomir**, RP Agarwal - Applied mathematics letters, 1998 - cat.inist.fr

TWO INEQUALITIES FOR DIFFERENTIABLE MAPPINGS AND APPLICATIONS TO SPECIAL

MEANS OF REAL NUMBERS AND TO TRAPEZOIDAL FORMULA. **SS DRAGOMIR**, RP AGARWAL

Applied mathematics letters 11:55, 91-95, Elsevier, 1998.

[Cited by 25](#) - [Related articles](#) - [Get This in Print at VU Library](#) - [All 2 versions](#)[A counterpart of Jensen's discrete inequality for differentiale convex mappings and ....](#)**SS Dragomir**, CJ Goh - Mathematical and computer modelling, 1996 - cat.inist.fr

A counterpart of Jensen's discrete inequality for differentiale convex mappings

and applications in information theory. **SS DRAGOMIR**, CJ GOH Mathematical and

computer modelling 24:22, 1-11, Elsevier Science, 1996. ...

[Cited by 24](#) - [Related articles](#) - [Get This in Print at VU Library](#) - [BL Direct](#)[PDF\] ► The Ostrowski's integral inequality for Lipschitzian mappings and applications-Check VU Library](#)**SS Dragomir** - Computers and Mathematics with Applications, 1999 - cs.ubbcluj.ro

Page 1. STUDIA UNIV. "BABES-BOLYAI", MATHEMATICA, Volume XLVI, Number

1, March 2001 ON THE OSTROWSKI'S INTEGRAL INEQUALITY FOR LIPSCHITZIAN

MAPPINGS AND APPLICATIONS **SS DRAGOMIR** Abstract. ...[Cited by 23](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 4 versions](#)[Some Grüss type inequalities in inner product spaces-► arxiv.org PDF\]](#)**SS Dragomir** - J. Inequal. Pure & Appl. Math, 2003 - emis.ams.org

School of Computer Science &amp; Mathematics Victoria University, PO Box 14428, MCMC

Melbourne, Victoria 8001, Australia. E-Mail: sever.dragomir@vu.edu.au URL:

<http://rgmia.vu.edu.au/SSDragomirWeb.html> ... Some Grüss' Type ...[Cited by 21](#) - [Related articles](#) - [All 60 versions](#)

[On some inequalities arising from Montgomery's identity \(Montgomery's identity\)-Check VU Library](#)

P Cerone, **SS Dragomir** - Journal of Computational Analysis and Applications, 2003 - Springer

An identity due to Montgomery is utilized to obtain other identities from which a number of novel inequalities are developed. The work also recaptures some of the existing results as special cases, such as the Mahajani inequality. ...

[Cited by 16](#) - [Related articles](#) - [All 3 versions](#)

[PDF\] ► On a Grüss-Lupas type inequality and its applications for the estimation of p-moments of ...](#)

**SS Dragomir**, GL Booth - Mathematical Communications, 2000 - hrcak.srce.hr

Abstract. An inequality of Gruss-Lupas type in normed spaces is proved. Some applications in estimating the p-moments of guessing mapping which complement the recent results of Massey [1], Arıkan [2], Boztas [3] and Dragomir-van ...

[Cited by 19](#) - [Related articles](#) - [View as HTML](#) - [All 3 versions](#)

[Comparing two integral means for absolutely continuous mappings whose derivatives are in L....-Check VU Library](#)

NS Barnett, P Cerone, **SS Dragomir**, AM Fink - Computers and Mathematics with Applications, 2002 - Elsevier

An International Journal computers mathematics with applications  
PERGAMON Computers and Mathematics with Applications 44 (2002) 241251  
www.elsevier.com/locate/camwa Comparing Two Integral Means for Absolutely ...

[Cited by 15](#) - [Related articles](#) - [All 4 versions](#)

[\[TeX\] ► Some integral inequalities for functions of two variables-Check VU Library](#)

**SS Dragomir**, YH Kim - Electronic Journal of Differential Equations, 2003 - atenea.matem.unam.mx

`\documentclass[twoside]{article}\usepackage{amsfonts,amsmath} % font used for R`  
in Real numbers `\pagestyle{myheadings} \markboth{\hfil Some integral inequalities`  
for functions of two variables `\hfil EJDE--2003/10}{EJDE--2003/10\hfil ...`

[Cited by 15](#) - [Related articles](#) - [Cached](#) - [All 59 versions](#)

[\[CITATION\] A weighted version of Ostrowski inequality for mappings of Hölder type and applications in ...](#)

**SS Dragomir**, P Cerone, J Roumeliotis, S ... - Bull. Math. Soc. Sci. Math. Roumanie, 1992

[Cited by 16](#) - [Related articles](#)

[\[CITATION\] On Hadamard's inequalities for convex functions](#)

**SS Dragomir** - Mathem. Balkan, 1992

[Cited by 15](#) - [Related articles](#)

[\[CITATION\] An inequality of Ostrowski-Grüss type for twice differentiable mappings and applications](#)

P Cerone, **SS Dragomir**, J Roumeliotis - Kyungpook Math. J, 1999

[Cited by 16](#) - [Related articles](#)

---



[Some refinements of Ky Fan's inequality](#)

SS Dragomir - Journal of mathematical analysis and applications, 1992 - cat.inist.fr

Some refinements of Ky Fan's inequality. SS DRAGOMIR Journal of mathematical analysis and applications 163:22, 317-321, Elsevier, 1992. Inégalité; Inequality; Desigualdad; Fonction convexe; Convex ...

[Cited by 16](#) - [Related articles](#) - [Get This in Print at VU Library](#) - [All 2 versions](#)

[CITATION] [An Ostrowski type inequality for mappings whose second derivatives are bounded and ...](#)

SS Dragomir, NS Barnett - RGMIA Res. Rep. Coll, 1998

[Cited by 19](#) - [Related articles](#)

[CITATION] [Some integral inequalities for differentiable convex functions](#)

SS Dragomir, NM Ionescu - Contributions, Macedonian Acad. of Sci. and Arts, 1992

[Cited by 16](#) - [Related articles](#)

[On certain new integral inequalities and their applications](#) - [kyoto-u.ac.jp](#) [PDF]

SS Dragomir, YH Kim, M City - J. Ineq. Pure Appl. Math, 2002 - emis.ams.org

SCHOOL OF COMMUNICATIONS AND INFORMATICS VICTORIA UNIVERSITY OF TECHNOLOGY

PO 14428 MELBOURNE CITY VICTORIA 8001, AUSTRALIA sever.dragomir@vu.edu.au

URL: <http://rgmia.vu.edu.au/SSDragomirWeb.html>

[Cited by 14](#) - [Related articles](#) - [All 67 versions](#)

[PDF] [Monotonicity of sequences involving convex and concave functions](#)

CP Chen, F Qi, P Cerone, SS Dragomir - Mathematical Inequalities and Applications, 2003 - files.ele-math.com

Page 1. Mathematical Inequalities & Applications Volume 6, Number 2 (2003),

229-239 MONOTONICITY OF SEQUENCES INVOLVING CONVEX AND CONCAVE FUNCTIONS C HAO

-PING CHEN, FENG QI, PIETRO CERONE AND SEVER S. DRAGOMIR ...

[Cited by 14](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 5 versions](#)

[A Generalization of Ostrowski Integral Inequality for Mappings Whose Derivatives Belong to ...](#) - [kaist](#)

SS Dragomir - Journal of Computational Analysis and Applications, 2001 - Springer

Page 1. A Generalization of Ostrowski Integral Inequality for Mappings

whose Derivatives Belong to  $L^{1/a,b}$  and Applications in Numerical

Integration SS Dragomir 1 A generalization of Ostrowski ...

[Cited by 13](#) - [Related articles](#) - [BL Direct](#) - [All 9 versions](#)