O P - S F N E T - Volume 17, Number 5 –September 15, 2010

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Calendar of Events:

September 13-17, 2010
Random Matrix Theory and Its Applications I
Mathematical Sciences Research Institute, Berkeley, California
www.msri.org/calendar/workshops/WorkshopInfo/508/show_workshop

September 17-19, 2010
Symmetry, Separation, Super-integrability and Special Functions (S4)
Conference, in honor of Willard Miller on the occasion of his
retirement, University of Minnesota, Minneapolis, MN, USA,   16.6 #2
 http://math.umn.edu/conferences/s4/

September 19-25, 2010
International Conference of Numerical Analysis and Applied Mathematics 2010
(ICNAAM 2010), Island of Rhodes, Greece
http://www.icnaam.org/

September 20-21, 2010
MSRI-Connections for Women: An Introduction to Random Matrices
Mathematical Sciences Research Institute, Berkeley, California
www.msri.org/calendar/workshops/WorkshopInfo/509/show_workshop

October 10-15, 2010
New Perspectives in Univariate and Multivariate Orthogonal Polynomials,
Banff International Research Station, Alberta, Canada   17.2   #6
http://www.birs.ca/birspages.php?task=displayevent&event_id=10w5061

December 6-10, 2010
MSRI-Random Matrix Theory and its Applications II
Mathematical Sciences Research Institute, Berkeley, California
http://www.msri.org/calendar/workshops/WorkshopInfo/517/show_workshop

January 3-5, 2011
ICMS-2011, International Conference on Mathematical Sciences in honour of
Profesor A. M. Mathai, Kottayam, Kerala, India   17.2 #10

January 6-9, 2011
Joint Mathematics Meetings, including (January 9) AMS Special Session on
Asymptotic Methods in Analysis with Applications, organized by Diego Dominici
and Peter A. McCoy, New Orleans LA, USA
http://www.ams.org/meetings/national/jmm/2125_intro.html

June 5-11, 2011
Computational Complex Analysis and Approximation Theory (CCAAT 2011).
in honor of Professor Nicolas Papamichael, Protaras, Cyprus
http://www.cyprusconferences.org/ccaat/

July 4-14, 2011
Foundations of Computational Mathematics FOCM'11. Budapest, Hungary,
including minisymposia on "Special Functions and Orthogonal
Polynomials", "Asymptotic analysis and high oscillation" and
"Approximation theory".   17.4 #2
http://www.damtp.cam.ac.uk/user/na/FoCM11/

July 18-22, 2011
ICIAM 2011 - 7th International Congress on Industrial and Applied Mathematics,
Vancouver, Canada
http://www.iciam2011.com

July 24-29, 2011
Complex Analysis, Operator and Approximation Theories, Conference
dedicated to the memory of Franz Peherstorfer, Linz, Austria
http://www.caota2011.jku.at/

August 29 – September 2, 2011
OPSFA-11: 11-th International Symposium on Orthogonal Polynomials,
Special Functions and Applications, to celebrate Francisco (Paco)
Marcellán´s 60-th birthday, Madrid, Spain   17.4 #1
http://gama.uc3m.es/opsfa11/

Topic #1   ----------   OP-SF NET 17.5   ----------   September 15, 2010

From: Francisco J. Marcellán   pacomarc@ing.uc3m.es
Subject: Renewal of Charter

The SIAM Council and the SIAM Board of Trustees have unanimously approved the charter renewal application for the SIAM Activity Group on Orthogonal Polynomials and Special Functions (SIAG/OPSF). The renewal is for a three-year operating period beginning January 1, 2011 and ending December 31, 2013.

Topic #2   ----------   OP-SF NET 17.5   ----------   September 15, 2010

From: Francisco J. Marcellán   pacomarc@ing.uc3m.es
Subject: Szegő Award

SIAM has approved the Guidelines for the Gabor Szegő prize; see http://siam.org/prizes/sponsored/szego.php"The SIAM Activity Group on Orthogonal Polynomials and Special Functions (SIAG/OPSF) awards the Gábor Szegő Prize every two years to an early-career researcher for outstanding research contributions, as determined by the prize committee, in the area of orthogonal polynomials and special functions. The contributions must be contained in a paper or papers published in English in peer-reviewed journals."

We expect to award the first such prize on the occasion of the 11th OPSFA to be held at Leganés (Madrid), Spain, August 29-September 2, 2011. http://gama.uc3m.es/opsfa11/ The award winner will deliver the invited l"Gabor Szegő Lecture". Planning is underway to create a selection committee and to solicit nominations of recipients during the coming months.

Topic #3   ----------   OP-SF NET 17.5   ----------   September 15, 2010

From: Francisco J. Marcellán   pacomarc@ing.uc3m.es
Subject: Activity Group elections

We are awaiting approval by SIAM of the Nominating Committee for the 2010 SIAG/OPSF elections. As soon as that approval is obtained we will formally ask (through a SIAM/OPSF mailing) for suggestions and nominations. Since there may be a fairly tight schedule (we hope that the nomination process can be completed by October 20, and the voting by November 25), members should begin to think now of nominating people to serve as Chair, Vice Chair, Secretary and Program Director for the period January 1, 2011 to December 31, 2013.

From: Peter Clarkson P.A.Clarkson@kent.ac.uk
Subject: A Request: The Painlevé Project

In recent years the Painlevé equations, particularly the six Painlevé transcendents PI,...,PVI, have emerged as the core of modern special function theory. In the 18th and 19th centuries, the classical special functions such as the Bessel functions, the Airy function, the Legendre functions, the hypergeometric functions, and so on, were recognized and developed in response to the problems of the day in electromagnetism, acoustics, hydrodynamics, elasticity and many other areas. In the same way, around the middle of the 20th century, as science and engineering continued to expand in new directions, a new class of functions, the Painlevé functions, started to appear in applications. The list of problems now known to be described by the Painlevé equations is large, varied and expanding rapidly. The list includes, at one end, the scattering of neutrons off heavy nuclei, and at the other, the statistics of the zeros of the Riemann-zeta function on the critical line $Re(z) = 1/2$. And in between, amongst many others, there is random matrix theory, the asymptotic theory of orthogonal polynomials, self-similar solutions of integrable equations, combinatorial problems such as Ulam's longest increasing subsequence problem, tiling problems, multivariate statistics in the important asymptotic regime where the number of variables and the number of samples are comparable and large, and also random growth problems.

Over the years, the properties of the classical special functions -- algebraic, analytical, asymptotic and numerical -- have been organized and tabulated in various handbooks such as the Bateman Project or the National Bureau of Standards Handbook of Mathematical Functions, edited by Abramowitz and Stegun. What is needed now is a comparable organization and tabulation of the properties -- algebraic, analytical, asymptotic and numerical -- of the Painlevé functions. This letter is an appeal to interested parties in the scientific community at large for help in developing such a "Painlevé Project". What we have in mind, will be described below.

Although the Painlevé equations are nonlinear, much is already known about their solutions, particularly their algebraic, analytical and asymptotic properties. This is because the equations are integrable in the sense that they have a Lax-Pair and also a Riemann-Hilbert representation from which the asymptotic behavior of the solutions can be inferred using the non-linear steepest-descent method. The numerical analysis of the equations is less developed and presents novel challenges: in particular, in contrast to the classical special functions, where the linearity of the equations greatly simplifies the situation, each problem for the nonlinear Painlevé equations arises essentially anew.

As a first step in the Painlevé Project, we have established an e-site, maintained at the National Institute of Standards and Technology (NIST). We ask interested readers to sent to the site
1) pointers to new work on the theory of the Painlevé equations, algebraic, analytical asymptotic or numerical;
2) pointers to new applications of the Painlevé equations;

3) suggestions for possible new applications of the Painlevé equations;
4) requests for specific information about the Painlevé equations.

The e-site will work as follows:
1) You must be a "subscriber" to post messages to the e-site. To become a subscriber, send email to daniel.lozier@nist.gov
2) To post a message after becoming a subscriber, send email to PainleveProject@nist.gov. The message will be forwarded to every subscriber.
3) See http://cio.nist.gov/esd/emaildir/lists/painleveproject/threads.html for the complete archive of posted messages. This archive is visible to anyone, not just subscribers.
4) See http://cio.nist.gov/esd/emaildir/lists/painleveproject/subscribers.html for the complete list of subscribers. This list is visible to anyone, not just subscribers.

Depending on the response to our appeal, we plan to set up a Wiki page for the Painlevé equations, and then ultimately a comprehensive handbook in a style befitting our digital age, along the lines of the hyperlinked version (http://dlmf.nist.gov) of the new NIST Handbook of Mathematical Functions, edited by Olver, Lozier, Boisvert and Clark, and published by Cambridge University Press. Incidentally, this work contains, for the first time, a chapter on the Painlevé equations.

Signed:
F. Bornemann, P. Clarkson, P. Deift, A. Edelman, A. Its, D. Lozier.

Topic #5   ----------   OP-SF NET 17.5   ----------   September 15, 2010

From: Hans Haubold   hans.haubold@unoosa.org
Subject: A.M. Mathai Centre for Mathematical Sciences

A.M. Mathai Centre for Mathematical Sciences India (CMS):
Professor A.M. Mathai's 75th Birthday

By Hans J. Haubold, United Nations, CMS Member since 1983

The Centre for Mathematical Sciences (CMS) was established in 1977 and registered in Trivandrum, Kerala, India, as a non-profit scientific society and a research and training centre covering all aspects of mathematics, statistics, mathematical physics, computer and information sciences. Since 1977 CMS had

executed a large number of research and training projects for various central and state governmental agencies.

CMS has a publications series (books, proceedings, collections of research papers, lecture notes), a newsletter of two issues per year, a mathematics modules series (self-study books on basic topics)

Module 6: Basic Probability and Statistics: Part 1 Probability and Random Variables, December 2009, CMS, pp. 315.
Module 5: Integrals and Integration, April 2008, CMS, pp. 146.
Module 4: Limits, Continuity, Convergence and Differential Calculus, June 2008, CMS, pp. 154.
Module 3: Linear Algebra: Part III Applications of Matrices and Determinants, January 2009, CMS, pp. 507.
Module 2: Linear Algebra: Part II Determinants and Eigenvalues, June 2008, CMS, pp. 356.
Module 1: Linear Algebra: Part 1 Vectors and Matrices, March 2008, CMS, pp. 185.

and a mathematical sciences for the general public series (see cover photos below of some of the series issues). The latest books from CMS are: A.M. Mathai and H.J. Haubold (2008), *Special Functions for Applied Scientists*, Springer, New York, and A.M. Mathai, R.K. Saxena, and H.J. Haubold (2010), *The H-Function: Theory and Applications*, Springer, New York.

In 2002, CMS Pala Campus was established in a two floors finished building donated to CMS by the Diocese of Palai in Kerala, India. In 2006, Hill Area Campus of CMS was established. The office, CMS library, and most of the facilities are at CMS Pala Campus. The other campuses, namely, the South Campus (or Trivandrum campus) and the Hill Area Campus have occasional activities and libraries are being developed at South and Hill Area campuses also.

Starting from 1985, Professor Dr. A.M. Mathai of McGill University, Canada, is the Director of CMS. After taking early retirement in 2000, Professor Mathai is spending most of time at CMS and directing various CMS activities in an honorary capacity. CMS library is being built up by using the books and journals donated by Professor Mathai's colleagues, friends, and well-wishers in Canada and USA. CMS has the best library in Kerala, India, in mathematical sciences.

By the end of 2006 the Department of Science and Technology, Government of India (DST) gave a development grant to CMS. Thus, starting from December 2006 CMS is being developed as a DST Centre for Mathematical Sciences. DST has similar centres at three other locations in India.

From 1977 to 2010, CMS activities are carried out by a group of researchers in Kerala, mostly retired professors, through voluntary service. Starting from 2007 DST created full time salaried positions of three Assistant Professors, one Full Professor and one Liaison Officer. They are residing at CMS Pala Campus. DST approved up to 17 junior and senior research fellows (JRF/SRF). They are Ph.D

students at CMS Pala Campus. They will receive their Ph.D degrees from Mahatma Gandhi University (MG University or Banaras Hindu University or Anna University Coimbatore), after fulfilling the residence requirements. All the JRFs and SRF are publishing papers accepted/published in international refereed journals.

CMS conducts a five-week research orientation course, called SERC School, every year. The main theme for the first sequence of five schools was special functions and functions of matrix argument and their applications.

SERC 1: Lecture Notes not published.
SERC 2: Lecture Notes Special Functions and Functions of Matrix Arguments, July 2000, CMS Publication No. 31, pp. 309.
SERC 3: Lecture Notes Special Functions and Functions of Matrix Argument: Recent Developments and Recent Applications in Statistics and Astrophysics, February 2005, CMS Publication No. 32, pp. 262.
SERC 4: Lecture Notes Special Functions and Functions of Matrix Argument: Recent Advances and Applications in Stochastic Processes, Statistics and Astrophysics, February 2006, CMS Publication No. 33, pp. 325.
SERC 5: Lecture Notes Special Functions and Functions of Matrix Argument: Recent Advances and Applications in Stochastic Processes, Statistics, Wavelet Analysis and Astrophysics, February 2007, CMS Publication No. 34, pp. 358.

The theme for the second sequence of five schools is multivariable and matrix variable calculus, statistical distributions and model building.

SERC 6: Lecture Notes Matrix Variable Calculus and Statistical Distribution Theory and   Applications in Data Analysis, Model Building and Astrophysics Problems, April 2008, CMS Publication No. 36, pp. 181.
SERC 7: Lecture Notes Model Building: Multivariable and Matrix Variable Calculus with Applications Including Astrophysics, March 2009, CMS Publication No. 38, pp. 191.
SERC 8: Lecture Notes Multivariable and Matrix Variable Calculus and Applications: Stochastic Models, February 2010, CMS Publication No. 40, pp. 186.

The third school in the second sequence was held in 2010 at CMS Pala Campus. The total number of seats in each School is 30. International participation is encouraged on the expense of such foreign scholars. Local hospitality and study materials are provided free of charge by CMS. All expenses are paid by DST for the nationally selected 30 participants in each School.

CMS is offering also an activity at the undergraduate level. There are four courses in each year covering all topics of undergraduate mathematics. Thirty students are selected by CMS from among the names recommended by the college Principals in Kerala. Each course is of 10-days duration of around 40 hours of lectures and 40 hours of problem-solving sessions. All expenses of the selected participants are met by DST.

Apart from the above two regular activities, there are lecture series of 3 days and 6 days duration by international visiting faculty.

The Director of CMS has acted as advisor in mathematics and statistics to the series of annual workshops on basic space science, organized by the United Nations, European Space Agency, National Aeronautics and Space Administration of the United States, and Space Exploration Agency of Japan, hosted by countries around the world, since their inception in 1991.

Visitors' program

There are three categories of CMS visitors: Distinguished international visitors, distinguished national visitors, faculty and students from other institutions, colleges and universities in India. For all visitors, local hospitality is provided by CMS. Those who wish to visit CMS Pala Campus need to write to the Director of CMS, giving the approximate dates and time that they would like to visit. The Director will then issue a formal invitation as per the availability of local accommodation. The recent, international visitors include Dr. A.A. Kilbas of Belarussian University, Belarus, Dr. Hans J. Haubold of the Office for Outer Space Affairs of the United Nations, Vienna, Austria, Dr. Serge B. Provost of the University of Western Ontario, Canada, Dr. Peter Moschopoulos of the University of Texas at El Paso, USA, Dr. Allan Pinkus of Israel, Dr. Francesco Mainardi of Italy, and Dr. R. Gorenflo of Germany.

Apart from the academic atmosphere at CMS, the visitors will enjoy the natural beauty all around. Pala (Palai) is situated in the heartland of agricultural activities and it is the epicenter of the spices growing region of India. Palai area grows black/white pepper, ginger, turmeric, nutmeg, cardamom, clove, coco, vanilla, cinnamon etc besides the cash crops such as coffee, tea, rubber, coconut and arecanut. The spices from here attracted the Arabs and then the Europeans to India.

The following are the contact numbers and address of CMS:
E-mail [mathai@math.mcgill.ca; cmspala@gmail.com];

Website: www.cmsintl.org ;
Phone/fax: 91+ 4822 216317 (04822 216 317 from within India);
Postal address: Centre for Mathematical Sciences Pala Campus, Arunapuram
P.O., Pala, Kerala-686574, India.

Topic #6   -----------   OP-SF NET 17.5   ----------   September 15, 2010

From: OP-SF NET Editors
Subject: Book on Airy functions

The following is from the web site:

http://www.icpress.co.uk/physics/p709.html

Airy Functions and Applications to Physics

(2nd Edition)

by Olivier Vallée (Université d'Orléans, France) & Manuel Soares (DDEA des Yvelines, France)

212pp   Pub. date: Jun 2010

ISBN: 978-1-84816-548-9   1-84816-548-X US$70 / £43

Addressed mainly to physicist and chemical physicist, this textbook is the result of a broad compilation of current knowledge on analytical properties of Airy functions. In particular, the calculus implying the Airy functions is developed with care. In the latter chapters, examples are given to succinctly illustrate the use of Airy functions in classical and quantum physics. The physicist, for instance in fluid mechanics, can find what he is looking for, in the references for works of molecular physics or in physics of surfaces, and vice versa.

Contents:
- A Historical Introduction: Sir George Biddell Airy
- Definitions and Properties
- Primitives and Integrals of Airy Functions
- Transformations of Airy Functions
- The Uniform Approximation
- Generalization of Airy Functions
- Applications to Classical Physics
- Applications to Quantum Physics
- ***Appendix:***
    - Numerical Computation of the Airy Functions

Readership: Researchers or engineers doing general physics at the graduate level.

Topic #7   -----------   OP-SF NET 17.5 ---------- September 15, 2010

From: OP-SF NET Editors
Subject: Preprints in arXiv.org

The following preprints related to the fields of orthogonal polynomials and special functions were posted or cross-listed to one of the subcategories of arXiv.org mostly during July and August 2010.

http://arxiv.org/abs/1007.2373
"Sixth root of unity" and Feynman diagrams: hypergeometric function approach point of view
Authors: Mikhail Yu. Kalmykov, Bernd A.Kniehl

http://arxiv.org/abs/1007.3852
Supercongruences for a truncated hypergeometric series
Authors: Roberto Tauraso

http://arxiv.org/abs/1007.4327
On a familiy of 2-variable orthogonal Krawtchouk polynomials
Authors: F. Alberto Grünbaum, Mizan Rahman

http://arxiv.org/abs/1007.4431
Orthogonal polynomials of compact simple Lie groups: Branching rules for polynomials
Authors: Maryna Nesterenko, Jiri Patera, Marzena Szajewska, Agnieszka Tereszkiewicz

http://arxiv.org/abs/1007.0108
Jacob's ladders and the $\tilde{Z}^2$-transformation of the orthogonal system of trigonometric functions
Authors: Jan Moser

http://arxiv.org/abs/1007.3619
A Comparison between Different Concepts of Almost Orthogonal Polynomials
Authors: Predrag Rajkovic, Sladjana Marinkovic

http://arxiv.org/abs/1008.3844
Orthogonal Polynomials with Recursion Coefficients of Generalized Bounded Variation
Authors: Milivoje Lukic

http://arxiv.org/abs/1008.2352
On tau functions for orthogonal polynomials and matrix models
Authors: Gordon Blower

http://arxiv.org/abs/1007.4779
A probabilistic interpretation of the Macdonald polynomials
Authors: Persi Diaconis, Arun Ram

http://arxiv.org/abs/1007.0667
Zernike circle polynomials and infinite integrals involving the product of Bessel functions
Authors: A.J.E.M. Janssen

http://arxiv.org/abs/1007.0861
Deformed Kazhdan-Lusztig elements and Macdonald polynomials
Authors: Jan de Gier, Alain Lascoux, Mark Sorrell

http://arxiv.org/abs/1007.3317
On the q-Euler numbers related to modified q-Bernstein polynomials
Authors: Min-soo Kim, Daeyeoul Kim, Taekyun Kim

http://arxiv.org/abs/1007.3406
Root separation for irreducible integer polynomials
Authors: Yann Bugeaud, Andrej Dujella

http://arxiv.org/abs/1008.4547
q-Bernstein polynomials, q-Stirling numbers and q-Bernoulli polynomials
Authors: T. Kim

http://arxiv.org/abs/1008.4740
Partially 2-Colored Permutations and the Boros-Moll Polynomials
Authors: William Y.C. Chen, Sabrina X.M. Pang, Ellen X.Y. Qu

http://arxiv.org/abs/1008.4927
On the Modes of Polynomials Derived from Nondecreasing Sequences
Authors: Donna Q. J. Dou, Arthur L. B. Yang

http://arxiv.org/abs/1008.5207
On the fermionic p-adic integral representation of Bernstein polynomials associated with Euler numbers and polynomials
Authors: T. Kim, J. Choi, Y.H. Kim, C. S. Ryoo

http://arxiv.org/abs/1008.0744
Dirac(-Pauli), Fokker-Planck equations and exceptional Laguerre polynomials
Authors: C.-L. Ho

http://arxiv.org/abs/1008.0310
Interlacing Log-concavity of the Boros-Moll Polynomials
Authors: William Y. C. Chen, Larry X. W. Wang, Ernest X. W. Xia

http://arxiv.org/abs/1008.1351
(q,μ) and $(p,q,\zeta)-$exponential functions: Rogers-Szegő polynomials and Fourier-Gauss transform
Authors: M. N. Hounkonnou, E. B. Ngompe Nkouankam

http://arxiv.org/abs/1008.1931
Polynomials with and without determinantal representations
Authors: Tim Netzer, Andreas Thom

http://arxiv.org/abs/1008.1968
The size of coefficients of certain polynomials related to the Goldbach
conjecture
Authors: Greg Martin, Charles L. Samuels

http://arxiv.org/abs/1008.3094
The theory of Schur polynomials revisited
Authors: Harry Tamvakis

http://arxiv.org/abs/1008.3765
Polynomials of the best uniform approximation to sgn(x) on two intervals
Authors: Alexandre Eremenko, Peter Yuditskii

http://arxiv.org/abs/1007.4310
On the Rankin-Selberg zeta-function
Authors: Aleksandar Ivić

http://arxiv.org/abs/1007.1955
On some expansions, involving falling factorials, for the Euler Gamma function
and the Riemann Zeta function
Authors: Grzegorz Rzadkowski

http://arxiv.org/abs/1007.3436
Zeta(n) via hyperbolic functions
Authors: Joseph T. D'Avanzo, Nikolai A. Krylov

http://arxiv.org/abs/1008.5046
New Properties of Fourier Series and Riemann Zeta Function
Authors: Guangqing Bi, Yuekai Bi

http://arxiv.org/abs/1008.0387
A uniformly convergent Series for $\zeta(s)$ and closed Formulas, that include
Catalan Numbers
Authors: Robert J. Betts

http://arxiv.org/abs/1008.2173
The zeta function on the critical line: numerical evidence for moments and
random matrix theory models
Authors: Ghaith A. Hiary, Andrew M. Odlyzko

http://arxiv.org/abs/1008.4970
Bounding $\zeta(s)$ in the critical strip
Authors: Emanuel Carneiro, Vorrapan Chandee

http://arxiv.org/abs/1008.0040
Integral and series representations of the digamma and polygamma functions
Authors: Mark W. Coffey

http://arxiv.org/abs/1008.2220
A Property of the Gamma Function at its Singularities
Authors: Anirudh Prabhu

Topic #8   -----------   OP-SF NET 17.5   ----------   September 15, 2010

From: OP-SF NET Editors
Subject: About the Activity Group

The SIAM Activity Group on Orthogonal Polynomials and Special Functions consists of a broad set of mathematicians, both pure and applied. The Group also includes engineers and scientists, students as well as experts. We have around 150 members scattered about in more than 20 countries. Whatever your specialty might be, we welcome your participation in this classical, and yet modern, topic. Our WWW home page is:
http://math.nist.gov/opsf/

This is a convenient point of entry to all the services provided by the Group. Our Webmaster is Bonita Saunders (bonita.saunders@nist.gov).

The Activity Group sponsors OP-SF NET, an electronic newsletter, and SIAM-OPSF (OP-SF Talk), a listserv, as a free public service; membership in SIAM is not required. OP-SF NET is transmitted periodically through a post to OP-SF Talk. The OP-SF Net Editors are Diego Dominici (dominicd@newpaltz.edu) and Martin Muldoon (muldoon@yorku.ca).

Back issues of OP-SF NET can be obtained at the WWW addresses:
http://staff.science.uva.nl/~thk/opsfnet
http://math.nist.gov/~DLozier/OPSFnet/

For several years the Activity Group sponsored a printed Newsletter, most recently edited by Rafael Yanez. Back issues are accessible at:
http://www.mathematik.uni-kassel.de/~koepf/siam.html

SIAM-OPSF (OP-SF Talk), which was recently moved to a SIAM server, facilitates communication among members and friends of the Activity Group. To subscribe, go to http://lists.siam.org/mailman/listinfo/siam-OPSF. To contribute an item to the discussion, send email to siam-opsf@siam.org .The archive of all messages can be found by following links at http://siam.org/activity/listservs.php. The moderators are Bonita Saunders (bonita.saunders@nist.gov) and Diego Dominici (dominicd@newpaltz.edu).

SIAM has several categories of membership, including low-cost categories for students and residents of developing countries. For current information on SIAM and Activity Group membership, contact:
Society for Industrial and Applied Mathematics
3600 University City Science Center
Philadelphia, PA 19104-2688 USA
phone: +1-215-382-9800
email: service@siam.org
WWW : http://www.siam.org
http://www.siam.org/membership/outreachmem.htm

Topic #9 ----------- OP-SF NET 17.5 ---------- September 15, 2010

From: OP-SF NET Editors
Subject: Submitting contributions to OP-SF NET and SIAM-OPSF (OP-SF Talk)

To contribute a news item to OP-SF NET, send email to one of the OP-SF Editors dominicd@newpaltz.edu or muldoon@yorku.ca .
Contributions to OP-SF NET 17.6 should be sent by November 1, 2010.

OP-SF NET is an electronic newsletter of the SIAM Activity Group on Special Functions and Orthogonal Polynomials. We disseminate your contributions on anything of interest to the special functions and orthogonal polynomials community. This includes announcements of conferences, forthcoming books, new software, electronic archives, research questions, and job openings. OP-SF NET is transmitted periodically through a post to SIAM-OPSF (OP-SF Talk).

SIAM-OPSF (OP-SF Talk) is a listserv of the SIAM Activity Group on Special Functions and Orthogonal Polynomials which facilitates communication among members and friends of the Activity Group. See the previous Topic. To post an item to the listserv, send email to siam-opsf@siam.org .

WWW home page of this Activity Group:
http://math.nist.gov/opsf/
Information on joining SIAM and this activity group: service@siam.org

The elected Officers of the Activity Group (2008-2010) are:
Francisco J. Marcellán , Chair
Peter A. Clarkson, Vice Chair
Daniel W. Lozier, Secretary
Peter A. McCoy, Program Director

The appointed officers are:
Diego Dominici, OP-SF NET co-editor and OP-SF Talk moderator
Martin Muldoon, OP-SF NET co-editor
Bonita Saunders, Webmaster and OP-SF Talk moderator