

MISCELLANEA

- List of Mathematicians and Computer Scientists of Romanian extraction residing outside Romania
- From the Bookshelves
- Personalia
- Octav Onicescu Foundation
- The Institute of Mathematics of the Romanian Academy
- Contributors to the volume XIX
- LIBERTAS MATHEMATICA (publication policy, subscription, exchanges)
- Contents of volume XIX

MATHEMATICIANS AND COMPUTER SCIENTISTS OF
ROMANIAN EXTRACTION RESIDING OUTSIDE ROMANIA

A

Flavian Abramovici

Department of Mathematics
Tel-Aviv University
RAMAT-AVIV, Israel

Sergiu Aizicovici

Department of Mathematics
Ohio University
ATHENS, OH 45701

Alexandru Aleman

Fachbereich Mathematik and
Informatik
Fernuniversita"t
5800 HAGEN, Germany

Casius Alexandru

Vinetaplatz 2
1000 BERLIN 65
Germany

Titu Andreescu

American Mathematics Competition
University of Nebraska
1740 Vine Street
LINCOLN, NE 68588 - 0658

Constantin Anghel

Quality Department BMW AG
Postfach 1120
84122 DINGELFING
Germany

Nicolae Anghel

Department of Mathematics
University of North Texas
DENTON, TX 76203

Mihaela Antonescu

Departement d'Informatique
Universite de Moncton
MONCTON, N.B. E1A 3E9
Canada

Marian Apostolache

402-15 Dellroy Avenue
KITCHENER, Ontario
Canada, N2A 2S2

Mircea Arcan

Tel-Aviv University
School of Engineering
69978 TEL-AVIV, Israel

Marian Aron

Department of Mathematics
Plymouth Polytechnic
PLYMOUTH DEVON, PL4 8AA
Great Britain

Dragu Atanasiu

Department of Mathematics
Chalmers University of Technology
GÖTEBORG, Sweden

Florin Avram

Department of Mathematics
Northeastern University
BOSTON, MA 02115

B

Catalin Badea

UFR de Mathématiques
Université de Lille 1
59655 VILLENEUVE d'ASCQ
Cedex, France

Vasile Badea

596 rue Lavoie
STE. DOROTHEE, Laval, P.Q.
Canada, H7X 2P4

Evelina Baesu

Department of Mechanical
Engineering
Johns Hopkins University
BALTIMORE, MD 21218

Malvina Baica

Department of Mathematics and
Computer Science
University of Wisconsin
WHITEWATER, WI 53190

Mihaly Bakonyi

Dept. of Mathematics
Georgia State University
University Plaza
ATLANTA, GA

Egon Balas

Graduate School of Industrial
Administration
Carnegie-Melon University
PITTSBURGH, PA 15213

Liana Barak

Department of Mathematics
Technion
HAIFA, Israel

Anca Barsanescu

26 rue Miolis
PARIS 15e, France

Ilie Bârza

Department of Mathematics
Lulea University of Technology
LULEA, Sweden

Ion Marin Belcea

282 W. Kings Village
BUDD LAKE, NJ 07960

Alexandra Bellow

Department of Mathematics
Northwestern University
EVANSTON, IL 60201

Hari Bercovici

Department of Mathematics
Indiana University
BLOOMINGTON, IN 47405

V. Bercu

Lab. Statistique
Bat. 425, Math.
University Paris Sud
91405 ORSAY Cedex
France

Richard Blum

Department of Mathematics
University of Saskatchewan
SASKATOON, S7N 0W0, Canada

M. V. Bodnarescu

Baumbluete 4
D-4300 ESSEN (1)
Germany

Ciprian Borcea

Rider College
Lawrenceville Rd.
LAWRENCEVILLE, NJ 08648

Georgeta Borcea

Docentgatan 7A
21452 MALMO, Sweden

Dan Bradu

Department of Statistics
University of South Africa
0001 PRETORIA, South Africa

Mihai Brancovan

1 bis Blvd. R. Wallace
92200 NEUILLY SUR SEINE
France

Andrei and Aurora Breazna

Department of Mathematics
University of Memphis
MEMPHIS, TN 38152

Virgil Brisca

24-20 83rd St.
EAST ELMHURST, NY 11370

Ion Christian Bruteanu
39/19-25 Queen St.
Newtown 2042
SYDNEY, Australia

D. Bucur
Ecole des Mines de Paris
Centre Math. Appl.
B.D. 207
06904 SOPHIA ANTIPOLIS
France

Florica Bucur
c/o Alexandru Lascu
Istituto di Matematica
Universita degli Studi
FERRARA, Italy

Jorge Buescu
Dept. Matematica
Inst. Superior Tecnico
1093 LISBOA, Portugal

Alexandru Buium
Department of Mathematics
University of New Mexico
ALBUQUERQUE, NM 87131

Ana Burghilea
Department of Mathematics
Ohio State University
COLUMBUS, OH 43210

Dan Burghilea
Department of Mathematics
Ohio State University
COLUMBUS, OH 43210

Dan Butnariu
Department of Mathematics
University of Haifa
HAIFA, Israel

C

Eugene Calinescu
79-23 71st Avenue
GLENDALE, NY 11385

Cristian and Elena Calude
Department of Computer Science
University of Auckland,
Pvt. Bag 92019
AUKLAND, New Zealand

John Carstoin
44 Winslow Road
BROOKLINE, MA 02146

Radu Cristian Cascaval
Department of Mathematics
University of Memphis
MEMPHIS, TN 38152

Gheorghe Cernatescu
449 Ingram Avenue
STATEN ISLAND, NY 10314

Octav Cornea
UFR de Mathématiques
Université de Lille 1
59655 VILLENEUVE d'ASCQ
Cedex, France

Rozana Costinescu Chevreau
Department of Mathematics
Portland State University
PORTLAND, OR 97207

Doina Cioranescu
Laboratoire d'Analyse Numerique
Université de Paris VI
4, Place Jussieu
75230 PARIS Cedex 05, France

Ioana Cioranescu
Department of Mathematics, Box BF
University of Puerto Rico
RIO PIEDRAS, Puerto Rico 00931

Dorin and Nina Ciomasu
Gartenstrasse 2
7332 EISLINGEN-F.H.S., Germany

Harry Cohn
Department of Mathematics and
Statistics
University of Melbourne
PARKVILLE, Australia

Christian Constanda

Department of Mathematics
University of Strathclyde
26 Richmond Street
GLASGOW, G1 1XH, Scotland

Adrian Constantin

Department of Mathematics
University of Basel
BASEL, Switzerland

Peter Constantin

Department of Mathematics
University of Chicago
CHICAGO, IL 60637

Gregory Constantine

Department of Mathematics
University of Pittsburgh
PITTSBURGH, PA 15260

Corneliu Constantinescu

Mathematisches Seminar
ETH - Zentrum
8092 ZURICH, Switzerland

Florin Constantinescu

Fachbereich Mathematik
Universitat Frankfurt
FRANKFURT/Main Germany

Tiberiu Constantinescu

Department of Mathematics
University of Texas at Dallas
RICHARDSON, TX 75083

Constantin Corduneanu

Department of Mathematics
University of Texas at Arlington
ARLINGTON, TX 76019

Aurel Cornea

Fachbereich Mathematik
Katholische Universitat
8078 EICHSTATT, West Germany

Ovidiu & Rodica Costin

Department of Mathematics
Rutgers University
NEW BRUNSWICK, NJ 08903

Teodor Gabriel Crainic

Dept. Sci. Administrative
University of Quebec
MONTREAL, Canada

Elena M. Croitoro

Department of Mathematics
University of Victoria
VICTORIA, B.C. V8W 3P4
Canada

Adolph Cusmariu

8000 Branch Wood Ct.
ELLCOTT CITY, MD 21043

D*Marius Dardalat*

Department of Mathematics
Purdue University
WEST LAFAYETTE, IN 47907

Florin David

Department of Mathematics
University of North Carolina
CHAPEL HILL, NC 27599

Marian Deaconescu

Mathematics
Kuwait University
P. O. Box 5969
13060 SAFAT, Kuwait

Valentin Deaconu

Department of Mathematics
University of Nevada
RENO, NEVADA

Horace Dediu

230 North Street
TEWSBURY, MA 01875

Mihai and Sofia Dediu

230 North Street
TEWSBURY, MA 01875

Aristide Deleanu

Department of Mathematics
Syracuse University
SYRACUSE, NY 13210

Emeric Deutsch

Department of Mathematics
Polytechnic Institute of New York
BROOKLYN, NY 11201

Radu Diaconescu

Department of Mathematics
Baruch College (CUNY)
17 Lexington Avenue
NEW YORK, NY 10010

Florin Diacu

Department of Mathematics
University of Victoria
VICTORIA, British Col. V8W 3P4
Canada

Nicolae Dinculeanu

Department of Mathematics
University of Florida
GAINESVILLE, FL 32611

Irinel Dragan

Department of Mathematics
University of Texas at Arlington
ARLINGTON, TX 76019-0408

Valentina Dragan

Mathematics Department
La Trobe University
Bundoora 3083
MELBOURNE, Victoria, Australia

Christina Draghicescu

Department of Mathematics
University of Houston
HOUSTON, TX 77204

Sever S. Dragomir

School of Communications
and Informatics
Victoria University of Technology
P.O. Box 14428
MELBOURNE CITY M.C.,
8001. VIC. Australia

Sorin Dragomir

Universita degli Studi di
Basilicata, via N. Sautro 65
POTENZA, Italy

Andrei Duma

Fachbereich Mathematik
und Informatik
Fernuniversita"t
5800 HAGEN, Germany

Stella Dumitrescu

Department of Mathematics
British Columbia Institute
of Technology
3700 Willingham Ave.
BURNABY, B.C. V5G 3H2 Canada

E*Elena Eftimiu*

Department of Mathematics
University of Missouri
8001 Nat. Bridge
ST. LOUIS, MO 63121

Mordechai Epstein

Department of Mathematics
Tel-Aviv University
RAMAT-AVIV, Tel-Aviv, Israel

Ivan Erdelyi

Department of Mathematics
Temple University
PHILADELPHIA, PA 19112

Mihai Esanu

57 A, rue Jean le Galleu
esc. A, apt. 3
94200 IVRY SUR SEINE, France

F*John T. Fagarasan*

1020 W. Pecan Street
BREA, CA 92621

Peter Farkas

130 Sherman Street
SANTA CRUZ, CA 95060

Ion Filotti

40 ter, rue Fabert
75007 PARIS, France

Ciprian Foias

Department of Mathematics
Indiana University
BLOOMINGTON, IN 47405

Ingrid Fotino

685 10th Street
BOULDER, CO 80302

Sorana Froda

Departement de Mathematiques
et Statistique
Universite' de Que'bec a Montre'al
MONTRE'AL, Canada

G*Razvan Gelca*

Department of Mathematics
University of Iowa
IOWA CITY, IA 52242

Costin Ghibu

6225 Bienville
BROSSARD, P.Q.
J4Z 1W9 Canada

Michael Ghil

Department of Atmospheric Science
University of California
LOS ANGELES, CA 90024

Dorin Ghisa

Glendon College
2275 Bayview Avenue
TORONTO M4N 3M6 Canada

Virgil Gligor

Department of Computer Sciences
University of Maryland
COLLEGE PARK, MD 20742

Eric Grinberg

Temple University
Department of Mathematics
PHILADELPHIA, PA 19122

Silviu Guiasu

Department of Mathematics
York University
DOWNSVIEW, Ontario
M3J 1P3 Canada

H*George Haiman*

U.F.R. de Mathematiques
Universite' de Lille
59655 VILLENEUVE d'Ascq, France

Peter Hammer

Center for Operation Research
Rutgers University
NEW BRUNSWICK, NJ 08093

Theodor Hangan

Department de Mathematiques
Universite de Haute Alpes
MULHOUSE, France

Ioana Hart (Hartopeanu)

Wilhelm-Busch-Strasse, 53
6000 FRANKFURT/Main
Germany

Sergiu Hart

Statistics Department
School of Mathematical Sciences
Tel-Aviv University
69978 TEL-AVIV, Israel

Pia Horowitz

Rh. Ben Eliezer 67/22
52294 RAMAT-GAN, Israel

Ioan Hrinca

Department of Mathematics
Otterbein College
WESTERVILLE, OH 43081

I*Andrei Iacob*

Mathematical Reviews
ANN ARBOR, MI 48107

G. D. Ianculescu

17171 Roscoe Blvd. #250
NORTHRIDGE, CA 91325

Adrian Ionescu

Department of Mathematics
and Computer Science
Texas Lutheran College
SEGUIN, TX 78155-5999

Constantin Ionescu

477 West 132 Street #26
HAWTHORNE, CA 90505

Dan Ionescu

170 Lees Ave #403
OTTAWA, Ontario, Canada

Florin Ionescu

Hochschule fur Technik,
Wirtschaft und Gestaltung
Braunegerstr. 55
78462 KONSTANZ, Germany

A. Ioinovici

Department of Applied Mathematics
Weizmann Institute of Science
REHOVOT, Israel

Caius Ionescu Tulcea

Department of Mathematics
Northwestern University
EVANSTON, IL 60201

Tudor Ionescu

17 Oak Ridge Road
SUDBURY, MA 01776

Andrei Iordan

Mathe'matiques
Universite' de Paris X
NANTERRE, France

George Isac

Department de Mathe'matiques
Queen's University
KINGSTON, Ontario, Canada

Sorin Istrail

Sandia National Labs
ALBUQUERQUE NM 87185

Vasile Ion Istratescu

Westring 331
2300 KIEL, Germany

Constantin Ivan

Fachbereich 11
Gesamthochschule Duisburg
4100 DUISBURG, Germany

J*Dan Jurca*

Department of Mathematics
California State University
HAYWARD, CA 94542

K*Lila Kari*

Department of Computer Science
University of Western Ontario
LONDON, Ont. Canada

Barbu C. Kestenband

200 S. Middle Neck Cl.
GREAT NECK, NY 11021
(N.Y. Institute of Technology)

Sergiu Klainerman

Department of Mathematics
Princeton University
PRINCETON, NJ 08544

Gabi Klarsfeld

59, rue d'Auteuil
75016 PARIS, France

L*Ioan D. Landau*

Laboratoire d'Automatique
Institut National Polytechnique
GRENOBLE, France

Alexandru Lascu

Istituto di Matematica
Universita degli Studi
FERRARA, Italy

Aldo Lazar

School of Mathematical Sciences
University of Tel-Aviv
69978 TEL-AVIV, Israel

Marica Lewin

Leon Blum Str., Nr. 46, #30
33855 HAIFA, Israel

Otto Liess

Seminario Matematico
 Universita degli Studi
 PALERMO, Italia

Genevieve Lopata

31, rue de Coulanges
 94370 SUCY EN BRIE, France

Floran Luca

Fachbereich Mathematik
 Universitat Bielefeld
 33501 BIELEFELD, Germany

Lawrence Lupash

1401 S. Harbor Blvd.
 LA HABRA, CA 90631

Liviu R. Lustman

NASA, LRC Mail Stop 409
 HAMPTON, VA 23665

George Lusztig

Department of Mathematics
 MIT Room 2-276
 CAMBRIDGE, MA 02139

M

Matei Machedon

Department of Mathematics
 University of Maryland
 COLLEGE PARK, MD 20742

Speranta M. Marcu

Department of Mathematics
 University of Illinois
 URBANA, IL 61801

Monica Marcus

Weitzman Institute of Science
 Clore House, Room 43
 76100 REHOVOT, Israel

Doru Marculescu

64 Tenterden Rd.
 DAGENHAM, ESSEX
 England

Mircea Martin

Department of Mathematics
 Baker University
 BALDWIN CITY, KS 66006

Dan C. Marinescu

Purdue University
 WEST LAFAYETTE, IN 47907

Dan Mateescu

Department of Mechanical Eng.
 McGill University
 MONTREAL, P.Q., Canada

Petrisor and Magda Mazilu

Hustarding 61
 4630 BOCHUM, Germany

David Mendel

Science Dept., Defence Ministry
 P. O. Box 2250 (Dept.44)
 31021 HAIFA, Israel

Preda Mihailescu

Seminar fur Angewandte Mathematik
 ETH - Zentrum
 8092 ZURICH, Switzerland

Tatiana Mihnea

16360 W. Mozart Avenue
 LOS GATOS, CA 95030

Rita Mirodan

Hadiedaum Alley No. 4, Apt. 11
 GILO, JERUSALEM, Israel

Dorina and Marius Mitrea

Department of Mathematics
 University of Missouri
 COLUMBIA, MO 65211-0001

Felicia I. Mocanu

6920 Fielding #308
 MONTRÉAL, P.Q.
 HAV1P5 Canada

Ion and Sigrid Moga

Salzburgerstrasse 3/29
 8225 TRAUNREUT
 Germany

Marius Moisesescu

Department of Mathematics
 Brandeis University
 WALTHAM, MA 02254

Dan Moldovan

Department of Computer Science
 Southern Methodist University
 DALLAS, TX 75275

Henri and Elvira Moscovici
 Department of Mathematics
 Ohio State University
 COLUMBUS, Ohio 43210

N

Doru Nace
 Dynamic Systems
 105-29 63rd Road
 FOREST HILLS, NY 11375

Gabriel Nagy
 Department of Mathematics
 Kansas State University
 MANHATTAN, Kansas 66506

Daniel Naie
 Department de Mathématiques
 Université d'Angers
 ANGERS, France

Adriana Nastase
 Lehrgebiet Aerodynamik des Fluges
 TH-Vermittlung 801
 Templergrabe 55
 5100 AACHEN, Germany

Nick Nazari
 P. O. Box 84428
 BATON ROUGE, LA 70844

Monica Neagoy
 1121 Arlington Blvd #343
 ARLINGTON, VA 22209

Constantin Negoita
 Department of Computer Science
 Hunter College (CUNY)
 695 Park Avenue
 NEW YORK, NY 10021

Alexandru Nica
 Department of Mathematics
 University of Waterloo
 WATERLOO, ONTARIO, Canada

Liviu Nicolaescu
 Department of Mathematics
 McMaster University
 HAMILTON, Ont.
 Canada L8S 4K1

Lilly-Jeanne Nicolescu
 Département de Mathématiques
 Université de Reims
 REIMS, France

Radu Nicolescu
 Division of Science & Technology
 University of Auckland,
 Tamaki Campus
 P. B 92019
 AUKLAND, New Zealand

Monica Nicolau
 Department of Mathematics
 University of Illinois
 URBANA, IL 61801

Victor Nistor
 Department of Mathematics
 Pennsylvania State University
 UNIVERSITY PARK, PA 16802

Valerian Nita
 28857 James Street
 WARREN, MI 48092

Viorel Nitica
 Department of Mathematics
 Indiana University
 BLOOMINGTON, IN 47405

Stefan Nuta
 CAP-Sogeti Tertiaire
 26, rue de la Pepiniere
 75008 PARIS, France

O

Philip Obranu
 Department of Mathematics
 Queen's University
 KINGSTON, Ontario, Canada

Adrian Ocneanu
 Department of Mathematics
 Pennsylvania State University
 UNIVERSITY PARK, PA 16802

John F. Oprea

Department of Mathematics
Cleveland State University
CLEVELAND, OHIO 44115

Charles M. Oprian

Department of Mathematics
Western Illinois University
MACOMB, IL 61455

P

Victor Pambuccian

Mountain House School
12, Lake Placid Club Drive
LAKE PLACID, NY 12946

Petru Papadopol

Department of Mathematics
Grand Canyon University
3300 W. Camelback Rd.
PHOENIX, AZ 85017

Andrei Paraschivescu

Derivative Research, J. P. Morgan
60 Wall Street, 18th Floor
NEW YORK, NY 10260

Ion Paraschivoiu

Département de Génie Mécanique
École Polytechnique
MONTREAL, P.Q.
H3C 3A7, Canada

Constantin Parvulescu

9303 Hammerly Blvd. #1202
HOUSTON, TX 77080

Dan Pascali

105-40 62nd Rd., #1P
FOREST HILLS, NY 11375

Cornel Pasnicu

Department of Mathematics
University of Puerto Rico
RIO PIEDRAS Puerto Rico 00931

Larisa Patrascu (Bejenaru)

2126 Tree Lane
KINGWOOD, TX 77334

Gabriel L. Pauliac

University of Chicago
5734 University Avenue
CHICAGO, IL 60637

Laurentiu Paunescu

School of Mathematics and
Statistics
University of Sydney
SYDNEY, NSW 2006 Australia

Nicolae Pavel

Department of Mathematics
Ohio University
ATHENS, OH 45701

Costel Peligrad

Department of Mathematics
University of Cincinnati
CINCINNATI, OH 45221

Magda Peligrad

Department of Statistics
University of Cincinnati
CINCINNATI, OH 45221

Alexandru Pelin

School of Computer Sciences
Florida International University
MIAMI, FL 33199

Alexandru and Melania Pintilie

7825 Bayview Ave #718
THORNHILL, Ontario
Canada L3T 7N2

Valentin Poenaru

Mathématiques (425)
Université de Paris-Sud
91405 ORSAY Cedex France

Adolph Pollinger

Department of Mathematics
Israel Institute of Technology
HAIFA, Israel

Florian Pop

Mathematisches Institut
Universität Bonn
53115 BONN, Germany

Horia Pop

16750 Sherman Way #222
VAN NUYS, CA 91406

Cornelia Popa

2512 Adams Court #158
MICHELL, KY 41017

Sorin Popa

Department of Mathematics
University of California
LOS ANGELES, CA 90024

Gelu Fanica Popescu

Department of Math and Computer
Science
University of Texas at San Antonio
SAN ANTONIO, TX 78249-1130

Ilie Popescu

Departement d'Informatique
Universite du Quebec a Hull
C.P. 1250, Succ. B
HULL P.Q. J8X 3X7, Canada

Liana Popescu

Inst. Univ. Technologie
Departement de Ge'nie Electrique
Universite' de Poitiers
86034 POITIERS, France

Sorin Popescu

Department of Mathematics
Columbia University
Mail Code 4417
New York, NY 10027

Patrick Popescu-Pampu

1, rue de l'Equerre
CROISSY-SUR-SEINE
78290, France
(Lyce'e Louis le Grand)

Radu Popescu

Departement de Mathematiques
Universite de Tours
37200 TOURS, France

Michaela Anca Poplicher

Department of Mathematics
Southern Illinois University
CARBONDALE, IL 62901

Vasile Mihai Popov

Department of Mathematics
University of Florida
GAINESVILLE, FL 32611

Marian Popu

111-39 76th Road
FOREST HILLS, NY 11375-6443

Catalin Pora

407 N. Pennsylvania #604
INDIANAPOLIS, IN 46204

Florian Potra

Department of Mathematics
University of Iowa
IOWA CITY, IA 52242

Mircea Predeleanu

Laboratoire de Mecanique et
Technologic
ENS Cachan, University Paris VI
61 Avenue du President Wilson
94235 CACHAN, France

Mihai Putinar

Department of Mathematics
University of California
RIVERSIDE, CA 92521

R*Alexandru Radu*

Ponte de St. Julien 8
1227 CAROUGE, Switzerland

Anamaria Radu

18535 Saticoy St. #114
RESEDA, CA 91335

Dan Radulescu

16724 Yukon Ave #2
TORRANCE, CA 90504

Dan Constantin Rădulescu

Rutgers University
Hill Center
NEW BRUNSWICK, NJ 08903

Sorin Radulescu

Department of Mathematics
University of Iowa
IOWA CITY, IA 52242

Nicolas Radulesco

Le Victoria
13, Blvd Princesse Charlotte
MONTE CARLO, Monaco

Anca Luminita Ralescu

Department of Mathematics
University of Cincinnati
CINCINNATI, OH 45221

Dan Ralescu

Department of Mathematics
University of Cincinnati
CINCINNATI, OH 45221

Stefan Ralescu

Department of Management
Brown University
PROVIDENCE, RI 02912

Ion Ratiu

347 South Rd #G1
POUGHKEEPSIE, NY 12601

Tudor Ratiu

Institute de Mathématique
École Polytechnique Fédérale
LAUSANNE, SWITZERLAND

John J. Rau

6432 Via Estrada
ANAHEIM, CA 92807

Nicholas Rau

Department of Economics
University College
LONDON, WC1E 6BT, England

Sandu Rautu

Ben Gurion University
84105 BER SHEVA, Israel

Corina Reischer

Department of Mathematics
University of Quebec
TROIS-RIVIERES, C. P. 500
G9A 5H7, Canada

Adrian Rezus

Department of Computer Science
Katholieke Universiteit
6525 NIJMEGEN, The Netherlands

Moshe Roitman

Department of Mathematics
University of Haifa
MT. CARMEL, Haifa Israel

Gruia Catalin Roman

Department of Computer Science
Washington University
ST LOUIS, MO 63130

Mihail Romanos

Department of Mathematics
Cornell University
ITHACA, NY 14853

Radu Rosca

Avenue Emile Zola 59
PARIS 15-e, France

Elemer Rosinger

Department of Mathematics
University of Pretoria
PRETORIA 0002, South Africa

Eugene Roventa

Computer Science Program
Glendon College
York University
2275 Bayview Avenue
TORONTO, Ontario., Canada

M. Rosenblatt-Roth

School of Business
Seton Hall University
SOUTH ORANGE, NJ 07079

Radu Rosu

Department of Mathematics
Pennsylvania State University
UNIVERSITY PARK, PA 16802

Theodor Rus

Department of Computer Science
University of Iowa
IOWA CITY, Iowa 52242

S*Florin Sabac*

Department of Mathematics
University of S. Carolina
COLUMBIA, SC 29208

Erwin and Micheline Schechter
 Konrad Adenauer Strasse 39
 D-6750 KAISERLAUTERN
 Germany

Ioana Schiopu-Kratina
 Business Survey Methods
 Statistics Canada
 Jean Talon Building
 OTTAWA, Ontario
 K1A 0T6, Canada

Norbert and Dana Schlomiuk
 Department of Math. & Statistics
 University of Montreal
 MONTREAL, P.Q.
 H3C 3J7 Canada

J. Schoenheim
 Department of Mathematics
 Tel-Aviv University
 69978 TEL-AVIV, Israel

Vlad Sergiescu
 U.E.R. Mathematiques
 Universite de Lille - I
 59655 VILLENEUVE-d'Ascq
 France

Iftimie Simion
 73-12 35 Ave. # C51
 JACKSON HEIGHTS, NY 11372

Claudia-Lidia Simionescu-Badea
 Guellenplatz 6-3-1-1
 1100 VIENNA, Austria

Dan Simovici
 Department of Mathematics
 University of Massachusetts
 BOSTON, MA 02125

Mariana Slatineanu
 21 South Oval
 HAMILTON L8S 1P7 Canada

Florentin Smarandache
 Department of Mathematics
 University of New Mexico
 GALLUP, NM 87301

Dan and Rodica Socolescu
 Mathematisches Institut
 Universitat Karlsruhe
 D-75 KARLSRUHE, Germany

Mircea Sofonea
 Dept. de Mathe'matiques
 Universite' de Perpignan
 66860 PERPIGNAN, France

Liviu Solomon
 Laboratoire de Me'canique The'orique
 Universite de Poitiers
 POITIERS, France

Sender Solomon
 Michelangelo 10
 TEL AVIV, 68029 Israel

Marcus Somodi
 Department of Mathematics
 Louisiana State university
 BATON ROUGE, LA 70803

Daniel F. Spulber
 Department of Economics
 Brown University
 PROVIDENCE, RI 02912

Vasile Staicu
 Department de Matematica
 Universidad de Aveiro
 3800 AVEIRO, Portugal

Aurel Stan
 Department of Mathematics
 Louisiana State University
 BATON ROUGE, LA 70803

Anca Stanescu (Deliu)
 Department of Mathematics
 Georgia Institute of Technology
 ATLANTA, GA 30332

Marius Stoka
 Istituto Matematico
 Universita degli Studi
 TORINO, Italy

Ileana Streinu (Mrs. Borcea)
 Department of Mathematics
 Smith College
 NORTHAMPTON, MA 01063

Alex Suciu

Department of Mathematics
Northeastern University
360 Huntington Avenue
BOSTON, MA 02115-5096

T*Dan Tataru*

Department of Mathematics
Northwestern University
EVANSTON, IL 60201

Constantin Telesman

Department of Mathematics
CAMBRIDGE CB21SB England

Nicolae Telesman

Instituto Matemático
Università deli Studi
ANCONA, Italy

Silviu Telesman

Department of Mathematics
University of Puerto Rico
RIO PIEDRAS, P.R. 00931

Florian Tent

5041 N. Damen
CHICAGO, IL 60625

Radu Theodorescu

Département de Mathématiques et de Sta-
tistique

Université de Laval
Sainte-Foy, QUEBEC, G1K 7P4, Canada

Mihai Tibar

UFR de Mathématiques
Université de Lille I
59655 VILLENEUVE d'ASCQ
Cedex, France

Nicolae Tîpîi

1403 East 5th Street
ROYAL OAK, MI 48067

Fabian Todor

Ecole des Hautes Etudes Commerciales
Université de Montreal
MONTREAL, P.Q.
H3C 3J7 Canada

Imre Toth

Lehrstuhl für Allgemeine
Wissenschaftsgeschichte
Universität
Niederleierndorf
REGENSBURG, Germany

Ioana Triandaf

Naval Research Labs
Code 4700.3
4555 Overlook Ave S.W.
WASHINGTON, DC 20375-5000

Victor Trutser

Department of Mathematics
University of Massachusetts at
Lowell
LOWELL, MA 01854

Maria Christina Turcanu

Department of Mathematics
University of Toronto
100 St. George St.
TORONTO, Ontario, Canada

Venera Turcu de Reyes

Av. Paez c/c Monte Elena
Edf. Atalaya, Piso I, Ap. 8-C
EL PARAISO, Caracas, Venezuela

Nicolae Tutos

6 Wildwood Lane
BURLINGTON, MA 01803

Lior Tzafriri

Department of Mathematics
Hebrew University
JERUSALEM, Israel

U*C. Unguriano*

722 Newton Avenue
MINNEAPOLIS, MN 55411

Sabetai Unguru

Institute for History and
Philosophy of Science
Tel-Aviv University
RAMAT-AVIV, 69978 Israel

V

Lucia Vaina

Intelligent Systems Laboratory
College of Engineering
Boston University
44 Cummington St.
BOSTON, MA 02215

Izu Vaisman

Department of Mathematics
University of Haifa
Mt. Carmel, HAIFA
Israel

Bogdan Vajiac

Department of Mathematics
Indiana University
BLOOMINGTON, IN 47405

Eugene N. Vasilescu

Department of Statistics
Baruch College
46 East 26th Street
NEW YORK, NY 10010

Florin-Horia Vasilescu

UFR de Mathématiques
Université de Lille I
59655 VILLENEUVE d'ASCQ
Cedex, France

Adrian Vasiu

Department of Mathematics
University of California-Berkeley
BERKELEY, CA 94720

Ileana Vasu

Department of Mathematics
Yale University
NEW HAVEN, CT 06520

Andrei Verona

Department of Mathematics
California State University
LOS ANGELES, CA 90032

Maria Elena Verona

Department of Mathematics
University of California
RIVERSIDE, CA 92521

Victor Vianu

Department Computer Sciences
and Engineering
University of California, San Diego
LA JOLLA, CA 92093

Marina Vidrascu

INRIA-Rocquencourt,
Domaine de Voluceau
B. P. 105
7815 LE CHESNAY Cedex, France

Carmen Vlad

18 Midchester Avenue
WHITE PLAINS, NY 10606
(Pace Univ.)

Viorel Vlad

18 Midchester Ave
WHITE PLAINS, NY 10606

Dan Voiculescu

Department of Mathematics
University of California
BERKELEY, CA 94720

W

Jack Weinstein

SOFTEL-Adv. Techn. Ltd
60 Medinat Ha Yehudim
P. O. Box 3112
46103 HERZELIYAH, Israel

Z

Dan Zacharia

Department of Mathematics
Syracuse University
SYRACUSE, NY 13244

Alexandru Zaharescu

Department of Math, MIT
77 Massachusetts Ave.
Cambridge, MA 02139-4307

Radu Zaharopol

Department of Mathematics
SUNY at Binghamton
BINGHAMTON, NY 13902

S. Zaidman

Departement de Mathematique et
Statistique
Universite de Montreal
MONTREAL, P.Q.
H3C 3J7 Canada

Dan and Irina Zamfir

Rehov Bar Kochba 1/2
TEL-AVIV, Israel

Maria Zamfir (Bleyberg)

Department of Computer Science Kansas
State University
MANHATTAN, KS 66506

Christina Zamfirescu

Department of Mathematics
Hunter College CUNY
695 Park Avenue
NEW YORK, NY 10021

Tudor Zamfirescu

Abteilung Mathematik
Universitat Dortmund
DORTMUND, Germany

Zoe Zorzor

Richard-Strauss-Strasse 13
8228 FREILASSING, Germany

Laszlo Zsido

Instituto de Matematica
Universita di Roma 1
ROMA, Italy

The following colleagues have changed their affiliation/adress or they have recently left Romania, and we do not presently have their exact coordinates.

USA M. Breban, Josefina Bondoc, Carina Parvulescu, Alexandru Stanculescu,

Mark Strurza, Deonisie Trifan, Sandu Crivineanu, Mircea Ghița

Belgium Radu Badesco

Canada Stefan Olariu

France Carmen Iesan-Matei

Germany Stefan Sandor, Christina Hartopecanu-Dobranis

Israel Enric Goldhagen, Andrei Ney

An ever growing number of young Romanian mathematicians are attending Graduate School in U.S. universities, their status being that of a foreign students. The same fact is true for European universities, where many Romanian students are attending Graduate School and sometimes even undergraduate classes.

From the bookshelves

S. ZAIDMAN: *Advanced Calculus (An Introduction to Mathematical Analysis)*. World Scientific, Singapore, 1998 (175 pp.)

This book constitutes an excellent introduction to the principles of Mathematical Analysis. The following chapters are present in the book: Real numbers, Sequences of Real numbers, Series (numerical), Continuous functions, Derivations, Convex functions, Metric spaces, Integration and Appendix (Logic Set Theory and Functions). The book is highly recommended to students in the upper division (junior and senior years), as well as to those at the graduate level who are interested in the foundations of Mathematical Analysis.

K. T. ATANASOV: *On some of Smarandache's problems*. American Research Press, Lupton, AL, 1999.

This booklet contains 9 chapters, each dedicated to the discussion or solution to one or several problems enounced (proposed) by F. Smarandache. The discussions of each is carried out with details. The book is primarily adressed to persons interested in Number Theory.

GHEORGHE MICULA and SANDA MICULA: *Handbook of Splines*. Kluwer Academic Publishers, Dordrecht (The Netherlands), 1998 (290 pp.)

The numerous publications on spline theory during recent decades show the importance of its development on modern applied mathematics. The purpose of this book is to give a comprehensive approach to the theory of spline functions, from the introduction of the phrase "spline" by I.J. Schoenberg in 1946 to the newest theories of spline-wavelets or spline-fractals, emphasizing the significance of the relationship between the general theory and its applications. In addition, this volume provides new material on spline function theory, as well as a fresh look at basic methods in spline functions. The authors have complemented the work with an extensive reference section to stimulate further study.

This work will be of interest to researchers and graduate students involved in numerics and computation, approximations and expansions, differential equations and integral equations.

The following chapters are present in the book: Spline Functions and the Representation of Linear Functionals; Multivariate Spline Functions; Nonlinear Sets of Spline Functions; Numerical Treatment of the Integral Equations; Numerical Solution of Ordinary Differential Equations; Splines and Finite Elements; Finite Element Method for Solution of Boundary Problems for Partial Differential Equations; Spline Functions in Computer Aided Geometric Design; From Spline to Fractals; Box Splines; Spline Wavelets; References and Index.

IOAN I. VRABIE: *Differential Equations (Romanian)*, **Matrix Rom, Bucuresti, 1999 (290pp.)**

Divided into seven chapters: (1) *Generalities*, (2) *The Cauchy Problem*, (3) *Approximation Methods*, (4) *Systems of Linear Equations*, (5) *Problems of Stability*, (6) *Prime Integrals*, (7) *Extensions and Generalizations*, this book is a nonstandard introduction into the basic concepts and results of ordinary differential equations in \mathbf{R}^n . Being almost selfcontained it requires only some usual knowledges in algebra and analysis. Containing many illustrative examples, interesting mathematical models and a great number of exercises and problems (all completely solved), the book is adressed to a wide spectrum of readers ranging from sophomores to engineers, chemists, physicists, biologists.

PERSONALIA

Professor Emeritus CORNELIUS CONSTANTINESCU, from ETH in Zürich, Switzerland, has his 70th Birthday in 1999. His colleagues and friends, from Romania and abroad, are warmly congratulating him on this occasion. A volume of *Libertas Mathematica* will be dedicated to him in the near future.

TITU ANDREESCU has been recently appointed Director of American Mathematics Competitions. His duties include the supervision of mathematical activities in the US, related to such competitions as the International Mathematical Olympiads. His address: University of Nebraska, 1740 Vine Street, LINCOLN, NE 68588 - 0658.

DR. ȘERBAN BASARAB has been recently elected Director of the Mathematical Institute of the Romanian Academy in Bucharest. He is succeeding Dr. Gheorghe Gussi who has occupied this position since the fall of communism in Romania (almost ten years).

Academician VIOREL BARBU from the University of Iași, has been appointed Vice-President of the Romanian Academy. He is warmly congratulated by his colleagues for being selected in such a honorable position.

Professor TUDOR RATIU has moved from the University of California at Santa Cruz, to the École Polytechnique de Lausanne, Switzerland.

Professor FLORENTIN SMARANDACHE from the University of New Mexico in Gallup, N.M., has been very active in both mathematical and literary projects. One of his contributions is included in this volume and a book review is related to his activities.

OCTAV ONICESCU FOUNDATION Botoşani, Romania

The Romanian mathematician Octav Onicescu (1892 - 1983) was born in the Northern Moldavian City of Botoşani. He has received the elementary and secondary education in the same city, before going to Bucharest to attend the courses at the Faculty of science of the Bucharest University.

In 1992, Prof. Florentin Vâlceanu from Botoşani, with the collaboration of several Mathematics teachers in that city and Onicescu's sons, Dan and Mircea Onicescu, have started the "Octav Onicescu" Foundation and Museum. The location is at Str. Octav Onicescu, Nr. 24, BOTOŞANI, 6800, Romania.

The volume XII (1992) of *Libertas Mathematica* is dedicated to the 90th Birthday of Octav Onicescu. It contains mathematical papers dedicated to Octav Onicescu, as well as a presentation of his life and work.

The Institute of Mathematics of the Romanian Academy

is back in its original building on Calea Griviţei, 21, Bucharest, after 15 years of "exile", imposed by Ceauşescu's regime. We are congratulating our colleagues (researchers with the Institute) in the occasion of restarting their activity in the building which has been specially dedicated to the Institute of Mathematics in the 1960's.

A bad note: many brilliant research fellows who have been associated with the Institute until 1975 (the year of dissolution of the Institute by Ceauşescu's regime) are now working outside Romania (see the list of mathematicians in this volume).

Fortunately, the Institute still counts among its collaborators a large number of outstanding mathematicians.

AUTHORS OF VOLUME XIX

Chakib Abchir is a faculty member with the Department of Mathematics of the Faculty of Sciences of Marrakech, Maroc.

Noureddine Aissaoui is a faculty member with Département de Mathématiques, Ecole Normale Supérieure, Ben Souda, Fès, Maroc.

Gabriela Alexe is a member at Rutgers Center for Operations Research of Rutgers University

Mihai Anastasiei is a Professor with the Department of Mathematics of the "Al. I. Cuza" University of Iasi, Romania.

N. C. Apreutesei is a faculty member with the Department of Mathematics of the Technical University "Gh. Asachi" of Iasi, Romania.

Mouffak Benchohra is a faculty member with the Department of Mathematics of the University of Sidi Bel Abbès, Algérie.

Ruxandra Mihaela Botez and Pascal Bigras are faculty members with the Department of Automatic Production of the Higher Technology School from Montréal, Québec, Canada.

Abdelkader Boucherif is a faculty member with the Department of Mathematics of the University of Tlemcen, Algérie.

M. Castrillón López is a faculty member with the Department of Geometry and Topology of the University Complutense of Madrid, Spain.

Mircea Crasmareanu is a faculty member with the Department of Mathematics of the "Al. I. Cuza" University of Iasi, Romania.

R. Durán Díaz is a member of the Institute of Applied Physics, Madrid, Spain.

Fernando Etayo is a faculty member with the Department of Mathematics from the Faculty of Statistics and Computation of the University of Cantabria, Santander, Spain.

P.M. Gadea is a Professor with the Institute of Mathematics and Fundamental Physics, Madrid, Spain.

Jae-Bok Jun is a faculty member with the Department of Mathematics of Kookmin University, Seoul, Korea.

Kamel Al-khaled is a faculty member with the Department of Mathematical Sciences of Jordan University of Science and Technology.

Rodica Luca is a faculty member with the Department of Mathematics of the Technical University "Gh. Asachi" of Iasi, Romania.

J. Muñoz Masqué is a member with the Institute of Applied Physics, Madrid, Spain.

Koji Matsumoto is a faculty member with the Department of Mathematics from Faculty of Education of the Yamagata University, Japan.

Ion Mihai and Liviu Nicolescu are Associate Professors with the Department of Mathematics of the University of Bucharest, Romania.

Juan J. Nieto is a faculty member with the Department Mathematics of the University of Santiago de Compostela, La Coruña, Spain.

Gheorghe Oros is a faculty member with the Department Mathematics of the University of Oradea, Romania.

Teodor Oprea and Gabriel Teodor Pripoae are faculty members with the Department of Mathematics of the University of Bucharest, Romania.

J.A. Oubiña is a faculty member with the Department Matemáticas of the University of Santiago de Compostela, Spain.

Radu Rosca lives at 59 Avenue Emile Zola, 75015 Paris, France.

Florentin Smarandache is a faculty member with the Department of Mathematics of the University of New Mexico.

Leopold Verstraelen is Professor at the Katholieke Universiteiten van Leuven en Brussel.

LIBERTAS MATHEMATICA

is a publication of the American Romanian Academy of Arts and Sciences. It is published annually, as a volume of approximately 200 - 250 pages. Contributions to *Libertas Mathematica* are requested by the Editor, or they must be submitted by an ARA member. Any paper submitted by an ARA member, if not accompanied by his/her report, will undergo a peer reviewing process. Correspondence related to *Libertas Mathematica* should be addressed to the Editor:

Professor C. Corduneanu
Department of Mathematics
Box 19408
University of Texas at Arlington
ARLINGTON, TX 76019

Volumes I - XVIII are available. Volumes I - X are priced \$ 40.00 each institutional and \$ 20 each for individual subscribers. Volumes XI - XVIII are priced \$ 60.00 each institutional and \$ 30.00 each for individual subscribers.

Subscriptions Agencies and Booksellers receive a 20% discount from the institutional prices.

Starting volume XIX (1999), the institutional price is \$ 75.00 and the price for individuals is \$ 35.00 .

Check / Money order must be made payable to American Romanian Academy (for *Libertas Mathematica*) and sent with order at the above specified address. Postal and handling fees are included.

Libertas Mathematica is currently exchanged for mathematical publications and exchange proposals must be submitted to the Editor.

This volume appeared in collaboration with Professor Adrian Corduneanu from Department of Mathematics of the Technical University "Gh. Asachi" Iasi and Assist. Prof. Alin Spuma from Faculty of Mathematics of "Al. I. Cuza" University of Iasi.