

M I S C E L L A N E A

List of Mathematicians and Computer Scientists of Romanian extraction residing outside Romania	194
News from Romania	208
From the bookshelves	209
Authors of volume XIV	213
Contents of volume XIV	215
LIBERTAS MATHEMATICA (publication policies, subscriptions, exchange of publications, volumes available)	

**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

Felix Albrecht
Department of Mathematics
University of Illinois
URBANA, IL 61801

Casius Alexandru
Vinetaplatz 2
1000 BERLIN 65
Germany

Titu Andreescu
1072 Thacker
DES PLAINES, IL 60016

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

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

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 15^e, France

Ilie Bărză
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

Alecu Bencovski
3757 Brookhaven Drive #464
DALLAS, TX 75234

Hari Bercovici
Department of Mathematics
Indiana University
BLOOMINGTON, IN 47405

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

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

Andrei Breazna
Department of Mathematics
Louisiana State University
BATON ROUGE, LA 70803

Aurora Breazna
Department of Mathematics
Louisiana State University
BATON ROUGE, LA 70803

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

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

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

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

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

C

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

John Carstoiu
44 Winslow Road
BROOKLINE, MA 02146

Gheorghe Cernatescu
449 Ingram Avenue
STATEN ISLAND, NY 10314

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

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

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

Dorin Ciomasu
Gartenstrasse 2
7332 EISLINGEN-FILS, Germany

Nina Ciomasu
Gartenstrasse 2
7332 EISLINGEN-FILS, Germany

Harry Cohn
Department of Statistics
University of Melbourne
PARKVILLE, Australia

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

Adrian Constantin
Courant Institute NYU
251 Mercer Street
NEW YORK, NY 10012

Petre 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
Universität Frankfurt
FRANKFURT/Main
West Germany

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

Aurel Cornea
Fachbereich Mathematik
Katholische Universität
8078 EICHSTATT, West Germany

Ovidiu & Rodica Costin
Department of Mathematics
Rutgers University
NEW BRUNSWICK, NJ 08903

Teodor Gabriel Craimic
Dept. Sci. Administrative
University of Quebec
MONTREAL, Canada

Elena M. Croitoro
Department of Mathematics
University of Western Ontario
LONDON, Ontario N6A 5B7
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

Horace Dediu
230 North Street
TEWSBURY, MA 01875

Mihai Dediu
230 North Street
TEWSBURY, MA 01875

Sofia Dediu
1480 Rockway Avenue
LAKEWOOD, OH 44107

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

Christina Draghicescu
Department of Mathematics
University of Houston
HOUSTON, TX 77204

Sorin Dragomir
Università degli Studi Basilicata
via N. Sautro 65
POTENZA, Italy

Andrei Duma
Fachbereich Mathematik
und Informatik
Fernuniversität
5800 HAGEN, West Germany

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 Galieu
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
Université de Québec à Montréal
MONTREAL, Canada

G

Radu Gadidov
Department of Mathematics
Texas A & M University
COLLEGE STATION, TX 77843

Razvan Gelca
Department of Mathematics
University of Iowa
IOWA CITY, IA 52242

Nicholas Georgescu-Roegen
2614 Hemingway Drive
NASHVILLE, TN 37234

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
PHILADELPHIA, PA 19122

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

II

Peter Hammer
Center for Operation Research
Rutgers University
NEW BRUNSWICK, NJ 08093

Theodor Hangan
Department de Mathematiques
Universite de Haute Alpes
MULHOUSE, France

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

Ion Hrinca
Department of Mathematics
Ohio University
ATHENS, OH 45701

I

Andrei Iacob
Mathematical Reviews
ANN ARBOR, MI 48107

G. D. Ianculescu
17171 Roscoe Blvd. #250
NORTHRIDGE, CA 91325

Constantin Ionescu
477 West 132 Street #26
HAWTHORNE, CA 90505

A. Ioinovici
Department of Applied Mathematics
Weizmann Institute of Science
REHOVOT, Israel

Dan Ionescu
170 Lees Ave #403
OTTAWA, Ontario, Canada

Tudor Ionescu
17 Oak Ridge Road
SUDBURY, MA 01776

Andrei Iordan
Mathématiques
Université de Paris X
NANTERRE, France

George Isac
Department de Mathématiques
College Militaire Royal
SAINT JEAN, P.Q. Canada

Sorin Istrail
Sandia National Labs
ALBUQUERQUE NM 87185

Vasile Ion Istratescu
Vestring 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

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 Levin
 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

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
 Princeton University
 PRINCETON, NJ 08540

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

Dan C. Marinescu
 Purdue University
 WEST LAFAYETTE, IN 47907

Speranta M. Marcu
 Department of Mathematics
 University of Illinois
 URBANA, IL 61801

Doru Marculescu
 64 Tenterden Rd.
 DAGENHAM, ESSEX
 England

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

Magda Mazilu
Hustarding 61
4630 BOCHUM, Germany

Petrisor Mazilu
Hustarding 61
4630 BOCHUM, Germany

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

Preda Mihailescu
Seminar für Angewandte Mathematik
ETH - Zentrum
8092 ZÜRICH, Switzerland

Tatiana Mihnea
16360 W. Mozart Avenue
LOS GATOS, CA 95030

Rita Mirodan
Hadiedaum Alley No. 4, Apt. 11
GIL0, JERUSALEM, Israel

Ion Moga
Salzburgerstrasse 3/29
8225 TRAUNREUT
Germany

Sigrid Moga
Salzburgerstrasse 3/29
8225 TRAUNREUT
Germany

Marius Moisescu
Department of Mathematics
Brandeis University
WALTHAM, MA 02254

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

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

N

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

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

Nick Nazari
23104 Port Antonio
NIGUEL, CA 92677

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

Marcel Nicolau
Department of Mathematics
Univ. Autònoma de Barcelona
08193 BELLATERRA, Espana

Liviu Nicolaescu
Department of Mathematics
Michigan State University
EAST LANSING, MI 48829

Lilly-Jeanne Nicolescu
Department of Mathématiques
Université de Reims
REIMS, France

Radu Nicolescu
Aigerstrasse 9a
5020 SALLZBURG, Austria

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

Valerian Nita
28857 James Street
WARREN, MI 48092

Viorel Nitica
 Department of Mathematics
 Penn State University
 UNIVERSITY PARK, PA 16802-6401

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

O

Philip Obreanu
 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

Ion Paraschivoiu
 Departement de Mécanique
 Ecole Polytechnique
 MONTREAL, P.Q.
 H3C 3A7, Canada

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

Larisa Patrascu (Bejenaru)
 2126 Tree Lane
 KINGWOOD, TX 77334

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

Gabriel L. Pauliuc
 University of Chicago
 5734 University Avenue
 CHICAGO, IL 60637

Monique Pavel
 145 Avenue Malakoff
 75116 PARIS, France

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

Laura Pieptea (Nicolaide)
 2002 Fairmeadow Dr.
 RICHARDSON, TX 75080

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

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

Florin Pop
Department of Mathematics
Texas A & M University
COLLEGE STATION, TX 77843

Horia Pop
Department of Mathematics
University of Southern California
LOS ANGELES, CA 90089

Cornelia Popa
2512 Adams Court #158
MICHELL, KY 41017

Sorin Popa
Department of Mathematics
University of California
LOS ANGELES, CA 90024

Ilie Popescu
Département d'Informatique
Université du Québec à Hull
C.P. 1250, Succ. "B"
HULL P.Q. J8X 3X7, Canada

Liana Popescu
Inst. Univ. Technologie
Département de Génie Electrique
Université de Poitiers
86034 POITIERS, France

Patrick Popescu-Pampu
1, rue de l'Équerre
CROISSY-SUR-SEINE
78290, France
(Lycée Louis le Grand)

Radu Popescu
Département de Mathématiques
Université de Tours
37200 TOURS, France

Vasile Mihai Popov
Department of Mathematics
University of Florida
GAINESVILLE, FL 32611

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 Mécanique des
Solides
Ecole Polytechnique
91128 PALAISEAU, France

R

Alexandru Radu
Ponte de St. Julien 8
1227 CAROUGE, Switzerland

Sorin Radulescu
Department of Mathematics
University of Iowa
IOWA CITY, IA 52242

Dan Radulescu
16724 Yukon Ave #2
TORRANCE, CA 90504

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
 Department of Mathematics
 University of California
 SANTA CRUZ, CA 95064

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

Lila Santean-Kari
 Department of Mathematics
 University of Turku
 TURKU-50, Finland

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

Erwin Schechter
 Konrad Adenauer Strasse 39
 D-6750 KAISERLAUTERN
 Germany

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

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

Norbert 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
Klederinger Strasse 51
2320 SCHWECHAT, Austria

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

Mariana Slatineanu
21 South Oval
HAMILTON L8S 1P7 Canada

Florentin Smarandache
2124 W. Turney Ave
PHOENIX, AZ 85105

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

Rodica Socolescu
Mathematisches Institut
Universitat Karlsruhe
KARLSRUHE, Germany

Mircea Sofonea
Mathématiques
Université Blaise Pascal
AUBIERE, France

Alexandru Solian
Department of Mathematics
University of North Carolina
CHARLOTTE, NC 28223

Liviu Solomon
Laboratoire de Mécanique Théorique
Universite de Poitiers
POITIERS, France

Sender Solomon
Michelangelo 10
TEL AVIV, 68029 Israel

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

Vasile Staicu
SISSA-ISAS
Strada Costiera 11
34014 TRIESTE, Italy

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 Computer Science
Rutgers University
NEW BRUNSWICK, NJ 07102

Alex Suciu
 Department of Mathematics
 Columbia University
 NEW YORK, NY 10027

T

Dan Tataru
 Department of Mathematics
 Northwestern University
 EVANSTON, IL 60201

Petre Tautu (M.D.)
 Sonderforschungsbereich
 Stochastische Modelle
 Im Neuenheimer Feld 294
 6900 HEIDELBERG, Germany

Constantin Teleman
 Department of Mathematics
 Harvard University
 CAMBRIDGE, MA 02138

Nicolae Teleman
 Department of Mathematics
 SUNY at Stony Brook
 STONY BROOK, NY 11794

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

Florian Tent
 5041 N. Damen
 CHICAGO, IL 60625

Radu Theodorescu
 Department of Mathematics
 University of Laval
 QUEBEC, G1K 7P4, Canada

Nicolae Tipei
 1403 East 5th Street
 ROYAL OAK, MI 48067

Fabian Todor
 Ecole des Hautes Etudes
 Commerciales
 Universite 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 Trutzer
 Department of Mathematics
 University of Massachusetts at
 Lowell
 LOWELL, MA 01854

Caius Ionescu Tulcea
 Department of Mathematics
 Northwestern University
 EVANSTON, IL 60201

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 1, 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

Eugene N. Vasilescu
Department of Statistics
Baruch College
46 East 26th Street
NEW YORK, NY 10010

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
SOFTTEL-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

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 Zamfir
Rehov Bar Kochba 1/2
TEL-AVIV, Israel

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
 Università di Roma 1
 ROMA, Italy

Addendum

Constantin Anghel
 Quality Department BMW AG
 Postfach 1120
 84122 DINGELFING
 Germany

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

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

Dan Moldovan
 Department of Computer Science
 Southern Methodist University
 DALLAS, TX 75275

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

USA: M. Breban, Josefina Bondoc, Carina Parvulescu, Alexandru Stanculescu, Mark Sturza, Deonisie Trifan, Sandu Crivineanu, Mircea Ghită, Dan Constantin Radulescu

Belgium: Radu Badesco

Canada: Stefan Olariu

France: Carmen Ieșan-Maftei

Germany: Stefan Sandor, Christina Hartoceanu-Dobranis

Israel: Eric Goldgahen, 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 student. The same fact is true for European universities, where many Romanian students are attending Graduate School and sometimes even undergraduate classes.

NEWS FROM ROMANIA

The latest news from Romania, concerning the place of mathematical disciplines in the high school program (curriculum) attest the fact that less and less attention is going to be paid to this fundamental branch of science during the 8 years of post-elementary education. The legislators of Romania have recently approved a proposal of the Department of Education in Bucharest, phasing out Mathematics from the disciplines traditionally required for graduation. The graduation examination has a long and valuable tradition in Romanian schools, being only partially destroyed during the communist period. As in France or other European countries, the "BACALAUREAT" meant a serious threshold for future intellectuals and professionals. Unfortunately, the policies of post-communist era in Romania are further eroding the most valuable traditions of the Romanian schools. Reaction from the field of educators and parents have been swift. It remains to be seen what their effects will be.

The Mathematical Institute of the Romanian Academy (Calea Griviței 21, Bucharest) is still deprived of its building, confiscated in 1975 after Ceaușescu decided to dismantle this institution.

Almost 5 years after the fall of communist regime, the Mathematical Institute has only partial access to the facilities that have been specially built up for its use in the 1960's.

This situation is part of a much more general framework. It is known that the communist regime, during its period of almost half a century of existence in Romania, has conducted a systematic policy of confiscation and dispossession, taking for the use of the privileged in the communism, even the houses that citizens owned for their families. Unlike other countries whose fate was similar to Romania's in the near past, the Government and the Parliament of Romania (consisting mostly from former apparatchikis) has refused restitution of property that has been seized by the communists before 1989. In particular, this policy is affecting several members of the Romanian Mathematical Community outside Romania. Their houses or apartments are still occupied by the "communist elite", now again perpetrating the theft once proclaimed as the basic tool in "constructing the new society". The realities of the contemporary life do not seem to impress at all the coalition in power in Romania, coalition which unites the most extreme sides of the political spectrum: the neo-communists and the ultra-nationalists. Such policies have been perpetrated in Romania only by the communists and the extreme right.

FROM THE BOOKSHELVES

MARTIN WEISS: Ricatti Equations in Hilbert Spaces: A Popov Function Approach, Rijksuniversiteit Groningen, 1994, 135 p.

This volume constitutes the doctoral dissertation of the author, prepared under the direction of Professor Ruth Curtain. The author, who is born in Galați, started his career in Romania early in his life, and has been associated with the Bucharest Polytechnic (particularly, with the Department of Control Sciences headed by Prof. Vlad Ionescu). The book contains the following sections/chapters: 1. Introduction (The Ricatti equation, Popov's positiveness theory, examples of distributed parameters systems); 2. The Popov function approach to Ricatti equation - the bounded case; 3. Mathematical preliminaries (Pritchard-Salamon systems, Duality results, Admissible weighting operators); 4. The Popov function approach to Ricatti equation - the unbounded case (Feedback transformations, Toeplitz operators and the Ricatti equation, Wiener-Hopf factorization and Ricatti equation, A game theoretic situation); 5. Applications (Ricatti criterion for J -spectral factorization, An application to H^∞ control, A new proof of Nehari theorem, A criterion of invertibility of Toeplitz operators, Conclusions and directions for future research. Written with use of advanced mathematical apparatus, this book is mainly accessible to researchers specializing in Control Theory, be they mathematicians or engineers. Most results in the book represent original contributions of the author.

M. BAKONYI and T. CONSTANTINESCU: Schur's Algorithm and Several Applications, Pitman Research Notes in Mathematics Series, volume 261, Longman Scientific and Technical, Harlow, 1992 (Copublished in the U.S. by John Wiley & Sons)

The book is mainly concerned with operator methods in interpolation theory and is primarily based on Schur's theory of power series representing analytic functions on the unit disk, as well as on Szegő's theory of orthogonal polynomials on the unit circle. The Schur problem consists in finding analytic functions in the unit disk whose first Taylor's coefficients are pre-assigned. The first chapter gives an account on Schur's algorithm and its applications to Schur's problem, besides some parallel results to the Carathéodory problem. The chapter two deals with the study of some matrices attached to the problem and is mainly based on the second author's work. Chapter 3 is dedicated to spectral factorization. Szegő's theory of orthogonal polynomials and its connections with Schur's algorithm constitute the subject of the

fourth chapter. Chapter 5 deals with realization theory and has applications to control stabilization. The last chapter is devoted to various generalizations of the Schur's problem, it also treats Nehari's problem and the commutant lifting. The publication of this monograph represents a valuable addition to the existing literature on the subject, usually available in journal papers.

PAUL COCARLAN and MARCEL ROSCULEȚ: Serii trigonometrice și aplicații (Trigonometric Series and Applications), Romanian, Editura Academiei Române, București, 1991, 283 p.

The Contents of this volume: Ch.1, Orthogonal Systems and Fourier Series. Ch.2, Fourier Trigonometric Series. Ch.3, Convergence of Fourier Series. Ch.4, Summability of Fourier Series. Ch.5, The Fourier Series Attached to a Nonintegrable Function. Ch.6, The Summability of the Fourier Series Attached to Nonintegrable Functions. Ch.7, Applications of Trigonometric Series. Ch.8, Investigation of Trigonometric Series in Romania. The list of references includes more than 60 items, mostly books and monographs. The second author is a veteran of mathematical education in the Bucharest Polytechnic, and author of several books and textbooks on subjects that interest the Engineers. He has also published several books of poetry. It is worth mentioning the fact that many topics discussed in the book are interesting enough for the Mathematician. The chapter on applications contains example from the Engineering fields. The last chapter summarizes some contributions to the field of trigonometric series by Romanian mathematicians of the past (Traian Lalescu, Aurel Angelescu, Theodor Angheluta, Mihail Ghermanescu and Ernest Abason. The book represents a welcome addition to the existing literature in Romanian on the subject of trigonometric and Fourier series, as well as the theory of orthogonal polynomials. A novelty in this book is constituted by the topics related to the Fourier series attached to nonintegrable functions (but for which the integrals defining the Fourier coefficients do exist).

NICOLAE PAVEL (Ed.): Optimal Control of Differential Equations (A Festschrift in Honor of Constantin Corduneanu), Lecture Notes in Pure and Applied Mathematics, Volume 160, Marcel Dekker, New York, 1994, 335 p.

This volume contains the contributions of more than 30 researchers who participated to the Conference on Optimal Control of Differential Equations, held at Ohio University from March 25 to 27, 1993. The volume is dedicated to Prof. Constantin Corduneanu in occasion of his 65th Birthday.

This is a list of participants and contributors to this volume: N.U. Ahmed, Ser-

giu Aizicovici, Viorel Barbu, E.N. Barron, Z. Cai, Giuseppe DaPrato, H.O. Fattorini, E. Hendrikson, Mary Ann Horn, Dariusz Idrzak, Karl Kunish, Irena Lasiecka, Urszula Ledzewicz, T. Murphy, Boris Mordukhovičh, Nikolaos Papageorgiou, Nicolae Pavel, Andrzej Nowakowski, Heinz Schaettler, Hector J. Sussmann, Daniel Tataru, Roberto Triggiani, Srdjan Stojanovic, Thomas Svobodny, Stanislaw Walczak, Shih-liang Wen, Kaixia Zhang, Yong Kang Huang, Siqian Zhu.

The papers included in the volume deal mostly with topics in the theory of Optimal Control, both in the finite dimensional and the infinite dimensional cases. Some contributions are focusing on various aspects of Control Theory, such as ergodic and periodic control, approximations of solution of the Riccati equation, wellposedness of certain physical problems, regularity properties of solutions appearing in variational problems. The volume addresses particularly the researchers in Control Theory.

CONSTANTIN UDRIȘTE: Convex Functions and Optimization Methods on Riemannian Manifolds, Kluwer Academic Publishers, Dordrecht, 1994, 348 p.

According to the author, this book is primarily concerned with topics in Applied Mathematics, involving such concepts and theories like convexity, differential geometry, dynamical systems, optimization and numerical methods. Particularly, the Riemannian Geometry is emphasized. The book could be also used as a text for undergraduate or graduate students whose background preparation includes Geometry of Riemann spaces and some Advanced Analysis.

The following topics are covered in the book: Ch.1, Metric properties of Riemannian manifolds; Ch.2, First and second variation of the p-energy of a curve; Ch.3, Convex functions on Riemannian manifolds; Ch.4, Geometric examples of convex functions; Ch.5, Flows, convexity and energies; Ch.6, Semidefinite Hessians and applications; Ch.7, Minimization of functions on Riemannian manifolds; Appendices (Riemannian convexity of functions $f: \mathbb{R} \rightarrow \mathbb{R}$, Descent methods on the Poincaré plane, Descent methods on the sphere, Completeness and convexity on Finsler manifolds). The list of references includes 141 items and a rather detailed index is attached.

The presentation is, in general, based on rather elementary tools from Classical Analysis, Differential Geometry and other areas. There are also sections of the book in which fairly advanced methods and concepts are displayed. For instance, Tensor Calculus on manifolds is oftenly used, together with such concepts as harmonic maps, Obata's theorem and other. It appears that the author has intended to extend some classical methods and concepts, usually related to Euclidean spaces, to the more general framework of Riemannian spaces. We think he succeeded to do this.

INDIANA UNIVERSITY MATHEMATICS JOURNAL, Volume 42, Number 3, Fall 1993 (Dedicated to CIPRIAN FOIAȘ on the occasion of his sixtieth birthday), Indiana University, Bloomington, pp. 677 - 1076.

This impressive volume starts with a biographical sketch of Ciprian Foiaș, by Hari Bercovici and Roger Temam. The publication list of Ciprian Foiaș contains over 350 papers, classified in several groups: Contractions and Dilation Theory, General Operator Theory, Functional Analysis, Applied Operator Theory, Differential Equations, Navier-Stokes Equations and Infinite-Dimensional Dynamics, Miscellanea. The list concludes with seven book titles, including the classical monograph with B. Sz. Nagy "Harmonic Analysis of Operators on Hilbert Space".

The volume contains 19 papers authored by well known researchers in the fields related to Foiaș' interests. We mention here the names of Israel Gokhberg, Dan Voiculescu, Peter Constantin, Charles Fefferman, A. E. Frazho, J. W. Helton, Peter Lax, J. L. Lions, Donald Sarason, Andrew Majda, John Mallet-Paret, George R. Sell, and M. Vishik. Many authors who contributed to this volume are former students or research associates of Ciprian Foiaș since he activated in Romania, at the University of Bucharest and the Institute of Mathematics of the Romanian Academy (presently, the Institute is functioning after an interruption of more than 10 years during Ceausescu's rule). Among these, we encounter the names of Hari Bercovici, Dan Voiculescu, Florin Horia Vasilescu (in Romania), Mihai Putinar. At this list one could add the names of those who collaborated with Foiaș during the period since he left Romania (1978) and conducted activities in Paris and in the United States (where he came in 1980). It is worth mentioning that the influence of Ciprian Foiaș is still felt among Romanian mathematicians who are living in Romania. Several of his former students are occupying positions in the Romanian universities (Bucharest, Iași, Timișoara a.o.).

Recently, the Romanian Academy in Bucharest has elected Ciprian Foiaș a honorary member.

Since 1983, Ciprian Foiaș holds the position of Distinguished Professor of Mathematics at Indiana University, Bloomington, Indiana.

The Authors of Volume XIV

CONSTANTIN ANGHEL has obtained his Master of Science degree from the University of Bucharest and his Ph.D. degree from the University of Hagen (Germany). He has been on the faculty of the University of Bucharest and the National University of Zaire (Kinshasa). Since 1979 Dr. Anghel is with the Quality Department of BMW AG, Dingolfing, Germany.

STEFAN ANTOHE is a faculty member in the Department of Mathematics at the University "Dunarea de Jos" in Galați, Romania.

TAOUFIQ BENKIRAN is a faculty member of the Department of Mathematics at the University of Marrakech, Morocco. He is interested in Differential Equations, in particular, singular perturbation problems.

HARI BERCOVICI is a Professor of Mathematics at Indiana University, Bloomington, Indiana. More biographical data can be found in volumes II and VI of *Libertas Mathematica*.

DAN BRADU has graduated with a Master of Science degree from the University of Bucharest, and obtained his Ph.D. degree from the Hebrew University in Jerusalem. He is currently a Professor of Statistics at the University of South Africa in Pretoria, South Africa.

ADRIAN CORDUNEANU is Professor and Chairman of the Department of Mathematics at the Polytechnic Institute "Gh. Asachi" in Iași, Romania.

ION CUCUREZEANU is a faculty member of the Department of Mathematics with the "Ovidius" University in Constanța, Romania.

CIPRIAN FOIAS is a Distinguished Professor at Indiana University in Bloomington, Indiana. For a biographical sketch, see volume III of *Libertas Mathematica*.

A. FRAHZO is a Professor with the Department of Aeronautics and Astronautics at Purdue University in West Lafayette, Indiana.

WERNER GREUB, now deceased, was a Professor of Mathematics at the University of Kaiserlautern, Germany.

Y. K. HUANG is a faculty member with the Department of Mathematics, The Ohio State University at Marion, Marion, Ohio. His research interests are in Differential Equations and related areas.

MARTIN JURCHESCU is a Professor of Mathematics at the University of Bucharest. He obtained his Ph.D. degree under guidance of Simeon Stoilow, and his research interests are in Modern Analysis.

J. K. KIM is a faculty member with the Department of Mathematics, Kyungnam University, Masan, South Korea.

MARIAN KWAPISZ is a Professor of Mathematics at the University of Gdansk, Poland. For more biographical data see volume IX of *Libertas Mathematica*.

ALEXANDRU LASCU is Professor of Mathematics at the University of Ferrara, Italy. He has been associated with the Departments of Mathematics at the Universities of Bucharest and Montreal, before moving to Italy. His interests are in Modern Algebra and Algebraic Geometry.

MARICA LEWIN has graduated with both Master of Science and Ph.D. degrees from the University of Iași, Romania. She is active in research (Stochastic Integral Equations) and teaches at the University of Tel-Aviv, Israel.

SOLOMON MARCUS is an Emeritus Professor with the University of Bucharest. He is

a member of the Romanian Academy and has a broad array of scientific interests. Professor Solomon Marcus started his research work in Real Analysis, being closely associated with the late Miron Nicolescu. He has also conducted research work in Mathematical Linguistics and largely contributed to the training of younger Romanian mathematicians.

GHEORGHE MOROSANU is Professor of Mathematics at the Polytechnic Institute of Iasi. He is very active in research, being mostly interested in the theory of Differential Equations and their applications.

ELEFTERIE OLARU is Professor of Mathematics at the University "Dunarea de Jos" in Galati, Romania. He has been associated with the University of Iasi, where he obtained his Master of Science degree in Mathematics. His Ph.D. degree has been awarded by the University of Ilmenau, Germany. His main research interests are in Operation Research.

B.G. PACHPATTE is Professor of Mathematics at the University of Aurangabad, India. More biographical data are in *Libertas Mathematica*, volume IX.

DAN PASCALI has contributed to almost all volumes of *Libertas Mathematica*. His biographical data are included in several preceding volumes of this journal.

NICOLAE H. PAVEL is a Professor of Mathematics at Ohio University, Athens, Ohio. For more biographical data see volume VII of *Libertas Mathematica*.

IOAN A. RUS is Professor of Mathematics at the University of Cluj-Napoca in Romania. He is actively involved in research, has published many research articles and several books on mathematical topics. His main interests are in Differential Equations and related fields.

NORBERT SCHLOMIUK has obtained his degrees in Bucharest, Romania, before he emigrated to Canada. He is currently a Professor of Mathematics at the Universite de Montreal. During his years in college, he was closely associated with the late Alexandru Froda, to whose memory this volume is dedicated.

DAN SOCOLESCU is currently Professor of Mathematics at the University Kaiserslautern, Germany. He obtained his Master degree from the University of Bucharest in 1965, and the Ph.D. degree at the University of Karlsruhe, Germany, where he spent a number of years. His research interests are in Fluid Mechanics, Mathematical Physics, Geometric Methods in Mechanics. He has also utilized methods of Functional Analysis in treating problems in the above mentioned areas.

ALEXANDRU SOLIAN is Professor of Mathematics at the University of North Carolina in Charlotte, North Carolina. He obtained his degrees from the University of Bucharest, where he was closely associated with Dan Barbilian and Grigore Moisil. He is interested in Modern Algebra and has published two books, besides journal papers on this subject.

PATRICK SUPPES is an Emeritus Professor with Stanford University. He has classical contributions to several areas of mathematical research.

W.B. VASANTHA KANDASAMY (see biographical data in *Libertas Mathematica*, vol. XIII). Her research interests are in Algebra.

VIOREL VLAD (see the biographical sketch in *Libertas Mathematica*, vol. XI). His interests are in Computer Science.

SAMUEL ZAIDMAN (see his biographical data in *Libertas Mathematica*, vol. III).