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A.R.A. Publications

The American Romanian Academy of Arts and Sciences is publishing a series of books dedicated to the history , language , civilization and culture of the Romanian nation . Due to the generous financial help provided at the beginning by the founder of A.R.A. , Monsignor Octavian Barlea , and by means of an active campaign of diffusion and sales , the following volumes have been printed and are available to the interested persons/institutions:

- 1) OCTAVIAN BARLEA : Romania si Romanii ; Romania and the Romanians , 1977. The text is integrally parallel in the Romanian and English languages . The translation from the Romanian into English is due to George C. Muresan and Enea Motiu . The book has 421 pages and 21 maps .
- 2) PAUL D. QUINLAN : Clash over Romania (British and American Policies toward Romania , 1938 - 1947) , 1977 . The volume presents the diplomatic relations of England and the United States with Romania during the turbulent years between 1938 and 1947 .
- 3) MARIA MANOLIU-MANEA (Editor) : The Tragic Plight of a Border Area;Bassarabia and Bucovina , 1983 . The book contains a collection of studies and articles on Bassarabia and Bucovina , Romanian provinces annexed by Soviet Union .
- 4) VLAD GEORGESCU : Istoria Romanilor (de la origini pana in zilele noastre) 1984 . This is the first comprehensive and uncensored book on the history of Romanians published since 1944 .
- 5) IONEL JIANU , GABRIELA CARP , ANA MARIA COVRIG , LIONEL SXANTYE : Romanian Artists in the West , 1986 . This anthology contains more than 170 articles (accompanied by two reproductions) , dedicated to Romanian artists (Painters , Sculptors) who have resettled in the West . A Romanian version is available . Excellent graphic conditions .
- 6) PAUL D. QUINLAN (Editor) : The United States and Romania:American-Romanian Relations during the Twentieth Century . This volume sheds new light on Romanian-American relations during this Century and permits a glimpse into the psyche of the most oppressed people of southeastern Europe . A remarkable collection of essays describing the bonds between the two countries . These links are of different natures : diplomatic , trade , finance , communications , literature , art , sport and free movement of people and ideas .

- 7) EMIL TURDEANU : Modern Roamnia (The Achievement of National Unity:1914-1920). This book has been edited by Prof.N.Timiras,past President of A.R.A.It is a publication under the auspices of the "Mircea Eliade" Research Institute of A.R.A.
- 8) The Second Edition of Vlad Georgescu's "Istoria Romanilor" (see no. 4).
- 9) IONEL JIANOU (Omagiu lui I.J.): Un om, o viata, un destin.This volume contains 14 papers dedicated to Ionel Jianou and his work.Among the contributors we mention George Cioranescu,George Apostu,Constantin Noica,Mircea Eliade,Petru Comarnescu,Dan Grigorescu,Barbu Brezianu,Olga Porumbaru.
- 10) MIRCEA ELIADE (in honor of M.E.) : Homo Religiosus.This volume contains selected papers from the program of the III-th A.R.A. Congress held in Paris.

A.R.A. Publications are available (excepting no.4) , and can be ordered at the address:

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A.R.A. is publishing the following periodicals:

- 1) JOURNAL , published as a volume,once a year.This publication is dedicated mostly to Humanities,Social Sciences and to A.R.A.'s affairs.The last volume published is volume 13(1990).
- 2) A.R.A. NEWSLETTER.This publication has been started in 1989.The Editor is Prof.Alexandra Gruzinska?Foreign Language Department/Arizona State University/ TEMPE , AR 85287-0202.The main scope of this publication is to achieve a more efficient communication among A.R.A.'s members,whose number is growing steadily.
- 3) LIBERTAS MATHEMATICA.A detailed presentation of this publication is made on page 203 of this volume.

A N N O U N C E M E N T

The first announcement concerning the 16th A.R.A. Congress has been sent recently to the members and other interested persons.It has been scheduled to take place in Bucharest,from June 27 to July 2 , 1991.The host institutions:the University, the Polytechnic Institute and "Academia de Arte Frumoase".The general topic of the congress is "Romanian Traditions and Western Models in the 90's".There will be 14 sections,as well as cultural and artistic events.

A. R. A. CONVENTION IN MONTREAL (1990)

The 15th Annual Congress of the American Romanian Academy of Arts and Sciences has been held in Montreal, Canada, hosted by the Ecole Polytechnique. The meeting took place from June 14th to June 18th, and included besides paper presentation sessions a good deal of other events.

For the first time a numerous group of scientists, writers, journalists participated to the Congress, coming directly from Romania. Among the participants we were pleased to count some of the most dedicated fighters for a real democracy in Romania: Octavian Paler, Ana Blandiana, Petre Mihai Bacanu. Their presence during the meeting has contributed to the creation of a very special atmosphere, and has practically caught the attention of the great majority of participants, regardless of their special field of interest. We also signal the participation of several distinguished Romanian intellectuals from exile, such as Monsignor Virgil Gheorghiu from Paris, Anghel Rugina from Boston, Olga Porumbaru from New York, Mihai Botez from Palo Alto, CA. From Romania, we notice the presence of Prof. Nicolae Cajal, a member of the Romanian Academy. Among the journalists present to the meeting we mention Mihail Korne from Paris, Nestor Ratesh from Washington D.C., Liviu Floda from New York, Mircea Carp from Munchen.

The local organizing committee of the convention has been presided by Professor Ion Paraschivoiu from the Ecole Polytechnique of Montreal, and included Professor Mihai Ioan Botez, Mrs. Monica Bungler Mateescu Matte, Mrs. Angela Comnene (Ottawa), Prof. Raymond Levesque, Dr. Wladimir Paskievici, Rev. Father Dr. Petre Popescu and Prof. Radu Zmeureanu from Concordia University. The task of the committee has been very challenging but the results were beyond our expectations. All members of the committee deserve our warmest thanks and congratulations for the excellent job they have done. Particularly, Dr. Paraschivoiu has succeeded to attract valuable sponsorship for the convention and deployed a tremendous amount of work, together with his wife, Mrs. Lelia Paraschivoiu.

The day of June 17th, Sunday, the participants participated in large number to the religious service (Holly Liturgy) at the Romanian Orthodox Church of Montreal. We had the rare privilege to assist to a magnificent event, since three distinguished members of the clergy - all participants to the Convention - have officiated: Rev. Father Petre Popescu, Monsignor Virgil Gheorghiu and Rev. Father Dr. George Preda from Dallas, TX.

The religious service was followed by a reception offered by the Romanian Cultural Centre in Montreal. On this occasion our guests from Romania have spoken about the problems confronting Romania in the new era, about their activities and struggle for the implementation of a democratic regime in the our country. We mention the pathetic appeal made by Doina Cornea and Ana Blandiana in support of the trully democratic reforms so necessary for Romania, following almost half a century of communist dictatorship.

As usual we had sessions dedicated to Mathematics and Sciences. In the morning of June 15th, the following papers have been presented in the Session no. 8, dedicated to Mathematics and Physics: 1) John M. Belcea (Morristown, New Jersey), "Experts Systems with Structural Knowledge Set"; 2) Ilie Popescu (Universite de Quebec a Hull), "Efficient Approach to Trie Index Optimization into an Expert System"; 3) Fabian Todor (Montreal), "Systemes iteratifs des fonctions associees"; 4) Teofor Gabriel Crainic (Universite de Quebec a Montreal), "Recherches operationnelles et transport"; 5) Mircea Sabau (University of Chicago), "Studiul si interesul pentru stiinta la Eminescu". In Session no. 15, on June 17th, the following presentations have been scheduled: 1) Eugene Roventa (York University, Toronto), "Limit Properties of Sequences of Fuzzy Measurable Sets"; 2) C. Corduneanu (The University of Texas at Arlington), "Functional Equations of Volterra Type"; 3) Carmen Vlad (Pace University, New York), "On Normal and Strongly Normal Lattices"; 4) Ioana Triandaf (University of Minnesota, Minneapolis), "A Finite Element Method for the Semiconductor Device Equations"; 5) Carmen Sabau (Argonne National Laboratories, Argonne), "Comparison of Instrumental Methods"; 6) John Carstoiu (Brookline, MA), "Le tourbillon gravifique et l'avance du perihelie des planetes". A paper submitted by Florentin Smarandache (Tempe, Arizona) has been briefly presented by Prf. C. Corduneanu. The title of the paper is "A General Theorem of Characterization of Simultaneously Prime Numbers".

The Convention has featured a good deal of Engineering papers, organized in four sessions; Civil Engineering, General Engineering and two in Mechanical Engineering. Many participants to these sessions have been from Romania.

An interesting and pleasant excursion has been organized in the afternoon of June 15th to Ottawa. A rustic festival took place the same evening at the "Continental Mushroom Ltd." (owner Mr. Pora).

AN APPEAL FROM ROMANIA

Dr. Adelina Georgescu, who visited the United States this Fall, has conveyed to us several pieces of information concerning the activities of the Romanian mathematicians, presently in Romania.

The Romanian Academy has been reorganized recently, and most of the research institute once belonging to the Academy have been again incorporated with this institution. Among them, is the Mathematical Institute which has been abolished by Ceausescu in 1975 (see volume I of *Libertas Mathematica* in regard to this action and some of its consequences). Yet, almost one year after Ceausescu's overthrow, the Mathematical Institute has not been reinstated in the building the Academy was owning, being tolerated by other institutions in Bucharest. The branches of the Mathematical Institute in Iași and Cluj-Napoca have been also revived. Unfortunately, a great number of former researchers at the Mathematical Institute have fled Romania or have been forced to accept other positions, in many cases having little to do with their qualifications.

The following appeal has been endorsed by Caius Iacob, a Member of the Romanian Academy, Prof. Cabiria Andreian-Cazacu, a former dean of the Mathematics Faculty at the University of Bucharest, Dr. Adelina Georgescu and Dr. Doc. Nicolae Popescu from the Mathematical Institute of the Academy:

"An initiative group considers necessary the reestablishment of collaboration and friendship between the Romanian mathematicians, regardless of the place they live and deploy their activities. A first step in this direction could be the organization in September 1991 of the Congress of Romanian Mathematicians, continuing the tradition interrupted after 1956. In order to prepare such an event, a preparatory meeting should take place, and the period of November 22-25, 1990, is advanced. The meeting is proposed to take place in Bucharest, and at least three reports should be presented: The achievements of Romanian mathematicians in Romania, in Basarabia and in Exile (Western World). The main organizational principles should be also discussed, inviting a large number of participants to hear their opinions. Announcements will be inserted in the press. In order to achieve an efficient participation to the Congress, we are asking a reduced number of colleagues to act as soon as possible and inform the mathematicians in the country or abroad about the planned event".

Dr. Adelina Georgescu is sending us a short article entitled "Views on the recent history of Romanian Mathematics". We take the liberty of providing some illustrative excerpts from the article. Basically, the article describes the totally inadequate conditions to which the researchers have been subject during the period following the abolishment of the Mathematical Institute in 1975.

"As a consequence (of Ceausescu's policies), the Academy and its research institutes receive blow after blow. The new institutional framework was created by gradual infiltration of the communist party members and then of the Securitate in research institutes and universities. A progressive demolition of research fellows, inaugurated by suppression of medical research, followed at a brief interval by that of technical research institutes of the Academy. No research fellow is left without a job, but instead of basic research most of them have to be content with activities alien to their speciality.

Being progressively deprived of books and journals from abroad, and almost in impossibility to have contacts with the international scientific community, the Academy researcher is degraded from the status of a creator, to that of a well prepared employee.... In this way, the so-called institutes of scientific research and engineering technology have been reduced to the absurd situation in which top researchers were obstructed from their normal activities, while many others provided various services for potentates, in such places where the bosses of the regime have built villas and other facilities for themselves and for their children.....

The degenerescence of life in Romania manifested itself, among other forms, in anomalous activities inside these institutes: the employees shaved themselves, repaired their or somebody's else shoes, repaired every kind of appliances, bred all kind of animals (pets), including hens and minks. A mink coat was offered by the Aviation Institute of Bucharest to Elena Ceausescu). ... In order to be able to deliver my lectures to the mathematics students at Bucharest University, I was obliged to carry out such tasks as "work in the benefit of the society", consisting in washing windows, to harvest tomatoes on state owned farms, to sort potatoes and green peppers etc...."

Dr. Adelina Georgescu concludes her analysis with the hope that the revived Academy will be able to play the role stipulated by its bylaws. "But the viability of this forum, headed by a vice-president of the government, still remains to be proven by its future activities".

O B I T U A R I E S

ISAAC J. SCHOENBERG passed away on February 21, 1990, in Madison (Wisconsin) at the age of 86. Schoenberg was the "Age Dean" of Romanian mathematicians who reside outside Romania.

Isaac J. Schoenberg had a brilliant career as a mathematician. He came to the United States in 1930, after he made a vigorous start in Europe, particularly in Romania and Germany. He held, just before coming to the United States, the position of Assistant Professor (Lecturer) at the University of Iași (Jassy). He returned several times to visit Romania, the first time after departure in 1967.

Isaac Schoenberg has outstanding contributions to various mathematical research domains, being known worldwide for his fundamental contributions to Numerical Analysis. The spline functions are primarily related to his name and nowadays they appear in any book on Numerical Analysis.

The volume VIII (1988) of *Libertas Mathematica* was dedicated to Isaac J. Schoenberg, in occasion of his 85th Anniversary. A detailed presentation of his life and work can be found in the above mentioned volume.

ALEXANDRU CLIMESCU passed away on June 7, 1990, in Iași, Romania, at the age of 80. Climescu was a Professor of Mathematics (Analysis) since 1945 at the Polytechnic of Iași. Before 1945, he has been a faculty member with the University of Iași, in the Faculty of Sciences, Division of Mathematics. For more than 30 years Climescu was the Head of the Mathematical Department at the Iași Polytechnic Institute. This department counted at the time of his chairmanship about 60 faculty members.

Besides his duties at the Polytechnic Institute, which since 1938 is an institution of higher learning independent of the university, Climescu has taught with regularity various courses on Algebra and Abstract Algebra for the students in Mathematics at the University of Iași. He has strongly influenced several generations of young mathematicians from Iași, whose interest in Algebra was major.

Climescu's list of publications includes more than 60 titles, besides a large number of reviews (books) and various occasional papers about mathematics.

A detailed presentation of Climescu's activities will be included in the next volume of *Libertas Mathematica*.

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LIBERTAS MATHEMATICA

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Volumes I - X are available. Volumes I - III are priced \$ 35.00 each Institutional, and \$ 18.00 each for individual subscribers. Volumes IV - VII are priced \$ 40.00 each Institutional, and \$ 20.00 each for individual subscribers. Volumes VIII - X are priced \$ 45.00 each Institutional, and \$ 22 each for individuals. Package volumes I - X can be ordered at \$ 300.00 Institutional, or \$ 150.00 for individuals. Starting volume XI, the price will be \$ 50.00 Institutional, and \$ 25.00 for individual subscribers.

Check/Money order must be made payable to AMERICAN ROMANIAN ACADEMY and sent with the order at one of the addresses specified above. Postal and handling fees are included in the prices mentioned above.

Proposals for exchange of publications must be sent to the Editor.

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