

## N E W S

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## D E C R E E

Of the State Council, No. 37/April 3, 1975, Concerning the  
Reorganization of the Activity of Some Research Units

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The State Council of the Socialist Republic of Romania decrees:

Art. 1. In view of developing mathematical research, closely related to research-design, education, and production needs, starting April 1, 1975, the activity of the Mathematical Institute in Bucharest, subordinated to the Department of Education, is reorganized according to the present decree.

To this aim, the research fellows, tenured or non-tenured, with the Mathematical Institute in Bucharest, are transferred in the interest of their duties, to research-design, education and production units, where they must conduct research activities in mathematics, within the research plan of those units.

Art. 2. The Mathematical Institute in Bucharest will have a scientific council consisting of research fellows, as well as specialists from the production, research-design, and education units.

The General Director of the Central Institute of Mathematics directs also the activity of the Mathematical Institute in Bucharest, and the activity of the Mathematics Faculty with the University of Bucharest.

The scientific council of the Mathematical Institute in Bucharest is appointed by the Department of Education, with the agreement of the National Council for Science and Technology.

Art. 3. The scientific council of the Mathematical Institute in Bucharest designates the members of the institute among the researchers in the field of mathematics and its applications, who conduct their activities in the research-design, education, and production units.

Art. 4. Among the tasks stipulated by the activity plan of the Central Institute of Mathematics, the one which pertains to the

scientific council of the Mathematical Institute in Bucharest is to work out and debate programs regarding the development of research activities in the fields of basic and applied mathematics, to analyze the research plans which involve members of the institute, and take the measures concerning the orientation of the research activities conducted by its members, in close connection with the development, presently and in the future, of national economy, of science, and progress in the field of mathematics.

At the proposal of the Mathematical Institute, and with the agreement of the National Council for Science and Technology, it is possible to organize mixed groups of research, in view of carrying out special projects in the field of mathematics and its applications, or to elaborate textbooks and treatises for the schools and colleges.

In view of achieving the tasks stipulated in the preceding paragraph, the members of the Mathematical Institute can be transferred, for the necessary period, at the beneficiary units of the work, which units will provide for the adequate funding.

Art. 5. The items of the research plan, as well as the contracts in course of the Mathematical Institute in Bucharest, will be revised and readapted by the National Council for Science and Technology, the Department of Education, and other interested bodies.

Art. 6. The National Council for Science and Technology, the Department of Education, and the Central Department for Statistics will analyze the activity of the Center for Mathematical Statistics in Bucharest, and will take the measures for the correlation of the activity of this center with the needs of the research-design, education, and production units.

Art. 7. The transfer of the researchers, and other categories of personnel, under conditions stipulated in Art. 1 of the present decree, is made with the corresponding positions, the benefits, and their rights, as well as with the adequate funding.

The personnel becoming unemployed ("disponibil") as a consequence of the implementation of the present decree, will benefit from the stipulations of Art. 21 of the Decree No. 162/1973, concerning the unitary rules of structure for the economic units.

Art. 8. The functional compartments of the Faculty of Mathematics of the University of Bucharest will provide the necessary assistance to the Central Mathematical Institute. To this aim, the number of positions pertaining to this compartment will be supplemented with two positions.

Art. 9. The National Council for Science and Technology will submit proposals concerning the application of the principles of this decree, in view of reorganization of the activities of research and design, in other fields.

Art. 10. Any stipulation contrary to the present decree is repealed.

#### Editor's Comments

The Mathematical Institute in Bucharest has been established in the early 1950's, as a research institution with the Romanian Academy. The first director of the Institute was Dimitrie Pompeiu — a well known contributor to the field of Complex Analysis. The next director of the Institute, and one of the most active promoters of modern mathematical research in post-war Romania was Simeon Stoilow, another classical contributor to Complex Analysis. Under their directorship, the Mathematical Institute grew up from an embryo stage, to a well endowed research institution, with a very good library, with its own publications, and more than 50 research fellows organized in a number of teams, able to undertake difficult projects. Such teams were headed by distinguished mathematicians as Simeon Stoilow, Miron Nicolescu, Grigore Moisil, Gheorghe Vranceanu, Nicolae Teodorescu, Caius Jacob, Alexandru Ghika, Dan Barbilian, Gheorghe Mihoc, Gheorghe Marinescu, Aristide Halanay, and others. Under directorship of Miron Nicolescu — which lasted more than a decade — the Institute knew further expansion, consolidating its status as an institution of international reputation.

On a lower scale, but also with remarkable achievements, the Mathematical Institute with the Branch in Iași of the Romanian Academy, and the Institutul de Calcul with the Branch in Cluj of the Romanian Academy, under directorship of Mendel Haimovici (Iași), and Tiberiu Popoviciu (Cluj), were playing similar roles in the cities of their location, to the role played by the Mathematical Institute in Bucharest. In fact, the Mathematical Institute in Bucharest, due to its outstanding endowment and research standards, became a "Mecca" for Romanian mathematicians, who often sought librarial assistance and scientific guidance at the Institute.

In 1974, when a process of dismemberment of the Romanian Academy took place — its research institutes being detached, if not totally liquidated — the Mathematical Institute in Bucharest, as well as those in Iași and Cluj have been attached to the Department of Education. Only one year later, when the institutes were trying to adapt to the new status, the above decree has been put in force.

The following comments on the decree's content have been generated by the editor's experience in the months following its implementation.

Art. 1. The research fellows have been transferred, in small teams, to various research-design institutes, in many cases without any clear indication about what will happen to them in the near future. Most institutes accepting such teams did so because of the pressure exerted upon them by the National Council for Science and Technology, and not because they thought it better for researchers in the field of mathematics to carry out their projects in non-mathematically oriented research units. A proof in support of the above statement is the fact that most of these teams disappeared in a short time, while the reception reserved to them at some of the new places was less than amiable. Several highly qualified researchers found themselves without office space, without the necessary books and journals, in middle of a collective looking for anything else, but research activity. Most researchers transferred from the Mathematical Institute have been humiliated by this unusual situation, and for some of them the humiliation was still ahead; they had to beg a retransfer, from the new place, where they could not find any motivation to stay, to the more fortunate team with the National Institute for Scientific and Technical Creation. Indeed, among the researchers assigned to this institution, there was the daughter of the President of Romania, who took over the leadership of the team — a circumstance which has been considered by many as favorable for the conduct of further research activities (of course, several fellows who received "asylum" at the National Institute for Scientific and Technical Creation, had to seek it elsewhere, in rather short time).

Art. 8. Two secretaries with the Mathematical Institute in Bucharest joined the staff at the Faculty of Mathematics of the University in Bucharest, following the implementation of the decree. They were supposed to provide assistance to the Central Institute of Mathematics, and their location was a small room in the university building on Strada Academiei 14, which room was previously assigned to the janitors. That room became the headquarters of the Central Mathematical Institute.

Art. 9. The "principles" of the decree have been applied once again (during the months of May-June 1975), in order to liquidate the Mathematical Institute in Iași, as well as the Institutul de Calcul in Cluj. The editor was at that time a Vice-Rector of the University of Iasi, in charge with research activities. The Secretary General of the Department of Education called him, and asked to contact the various institutes in Iași, willing to accept among their researchers some of the mathematicians, attached before

to the Mathematical Institute in Iași. It was quite surprising, that this request has been made only through the telephone, and nothing written has been sent to Iași, on this matter. Nonetheless, the "principles" had to be applied, and more than 30 research fellows have been sent to various places, usually in design or research units without particular interest in mathematical research. A bright spot, in this grim situation, was offered by the Polytechnic Institute in Iași, where almost one third of those fellows found immediately adequate positions. Some of the research fellows have been lost forever by the academic community, other have emigrated from Romania, and a few only have accepted positions below their qualifications. Simultaneously to the liquidation of the Mathematical Institute in Iași, took place the similar operation with the Institutul de Calcul of Cluj.

To the best of our knowledge, these "principles" have not been applied (fortunately!) in other cases, excepting those mentioned above.

Six years after the publication and implementation of the above decree, emanating from the supreme state's authority, the following fact can be ascertained: instead of the word "reorganization," the decree should have used "disorganization," or rather "liquidation."

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#### Editor's Note

The above list has been compiled by using information contained in various membership lists, in mathematical journals where the affiliation of the authors is shown, or information conveyed by one of our colleagues. In order to keep-up with further changes, and update the list accordingly, we kindly ask the cooperation of the readers.

A LETTER FROM A GROUP OF MEMBERS OF THE  
AMERICAN MATHEMATICAL SOCIETY

San Antonio, Texas  
January, 1980

His Excellency  
President Nicolae Ceaușescu  
Consiliul de Stat  
Calea Victoriei  
BUCURESTI, Romania

Your Excellency:

On the occasion of the Annual Meeting of the American Mathematical Society, held in San Antonio, Texas, several members of this society have decided to send you this letter, concerning the current situation of the Romanian mathematical community.

The international mathematical community, as well as the members of our society, have been aware of the outstanding research activity conducted at "Institutul de Matematica al Academiei R.S.R." (Calea Grivitei 21, Bucuresti, and its branches in Iași and Cluj). Research fields such as Functional Analysis, Real and Complex Analysis, Differential Equations, Algebra, Differential Geometry, Mechanics of Continua, Probability Theory and Statistics, have been developed within the Institute to the level of international standards. The Institute provided the necessary means and played the leading role in the development of significant mathematical research in Romania.

The generous support provided by the Romanian government to the scientists of Romania, and particularly to the Romanian mathematical community is much appreciated. Unfortunately, we are also aware of the fact that the Institute was abolished in April, 1975. As a result, since 1975 more than 30 Romanian mathematicians have sought refuge in various countries (United States of America, Canada, France, Israel, Switzerland, Great Britain, Belgium, West Germany, Italy), where they are conducting research and teaching activities. This is a great loss for the Romanian mathematical community, and, of course, for the whole country.

In expressing our deep concern about the situation in which the Romanian mathematical community has been placed as a result of the abolition of the Institute, we urge you, Sir, to reestablish the former Mathematical Institute, and to allow the Romanian mathematicians to conduct their activities in accordance with the needs of their profession. Having an up to date and widely available library, as well as the opportunity to participate in scientific events related to his profession, at home or abroad, constitute a minimum requirement for any scientist. These minimum requirements for productive research in mathematics do not exist in Romania at the present time.

We cannot understand why this deplorable situation occurred in Romania, while its neighbors have preserved and developed their Mathematical Institutes: The Mathematical Institute of the Polish Academy of Sciences (Sniadeckich 8, Warsaw); The Mathematical Institute of the Hungarian Academy of Sciences (Realtanoda utca, 15, Budapest); The Mathematical Institute of the Czechoslovak Academy of Sciences (Zitna 25, Prague); The Mathematical Institute of the German Academy of Sciences (Mohrenstrasse 32, Berlin, East Germany).

We know, Your Excellency, there are outstanding mathematicians in Romania, experienced enough to reestablish their Institute. We also know that the final decision, concerning the fate of the Romanian mathematical community, is to be made by you.

We sincerely hope you will take the necessary steps to put an end to a situation that, to the best of our knowledge, does not have a precedent.

Respectfully,

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A R A — AMERICAN-ROMANIAN ACADEMY OF  
ARTS AND SCIENCES

Founded in May 1975 in Berkeley, California by a small group of intellectuals of Romanian origin, under the initiative and the enthusiastic guidance of Monsignor Octavian Bârlea, the American Romanian Academy of Arts and Sciences is now entering the seventh year of existence. Under the presidency of Monsignor Bârlea (May 1975 — March 1978), the A R A — while having organized two Congresses: in 1976 at the University of California, Berkeley, and in 1977 at Humboldt State University in Arcata, California — had at the same time prepared and published two volumes:

"ROMANIA AND THE ROMANIANS" by Octavian Bârlea  
and  
"CLASH OVER ROMANIA; British and American Policies Toward  
Romania" by Paul Quinlan,

both in 1977. These volumes had a successful reception in the international academic circles, fact attested by several reviewers.

Shortly before Monsignor Bârlea's departure for Europe, Professor Nicholas Ţimiraş was designated by him as "locum tenens pro tempore," and the third A R A Congress (Long Beach, California) elected Professor Ţimiraş as the new President.

The next two A R A Congresses were held at Monmouth College, Long Branch, N.J., October 1979, and Northeastern University, Boston, May 1980. The main theme of both fourth and fifth Congresses was: "Basarabia, Bucovina and Hertza; historical, economical and cultural aspects." A volume containing the contributions to this theme is now in print:

"THE TRAGIC PLIGHT OF A BORDER AREA: BASARABIA AND BUCOVINA,"  
Editor: Maria Manoliu-Manea.

The Sixth Annual A R A Congress is scheduled for May 22-24, 1981, at The University of Texas in Arlington. The general theme of the Congress is "The American Romanian Community: Historical, Social, Cultural and Religious Aspects."

A Few Excerpts From ARA's Bylaws

THE AMERICAN ROMANIAN ACADEMY OF ARTS AND SCIENCES, as a "non profit corporation," has the aim of:

- a) promoting the Romanian culture from the perspective offered by the cultural life of the United States;
- b) increasing the cultural and spiritual relations between the United States and the Romanian nation;
- c) assuring in the United States for the Romanian nation of outside of America a center of constant support, independent from the political relationships between the governments of the U.S. and of Romania.

In order to achieve this goal, the American Romanian Academy of Arts and Sciences shall carefully preserve its independence, by avoiding either its affiliation to other organizations or by accepting subordinate positions with respect to groups of any kind. Being faithful to this principle as defined above, the American Romanian Academy of Arts and Sciences could accept, inasmuch as its goal require, the collaboration of cultural institutions and personalities of the world of Arts and Sciences in and out of the United States.

The ARA Collaborators

ARA, in its efforts to promote the human values, organizes its collaborators in: members, and associates.

The core of ARA is formed by its members, elected for life on account of their works, whose value is appreciated as such by the specialists. For the Admission to the membership is requested: scholars and artists should be credited with published works, arts exhibitions, performed concertos or constructions of a particular importance. The candidates are proposed by documented recommendations on the part of a member addressed to the ARA president. The president should transmit this proposal to all the members, in writing. The co-optation of candidates is assured by a vote of 2/3 of the membership, either during an ARA regular meeting or by writing, ballot counted not earlier than one month after the president has transmitted the proposal.

The associates are also elected by a vote of 2/3 of the ARA members, upon presentation of the president, as a result either of a recommendation of a member, or of personal request. The admission of the associates shall be motivated by the moral and material support offered by them to ARA.

Associates who reside outside of the United States are correspondents.

Branches of Activity

Covering all fields of spiritual and cultural life, ARA shall promote endeavors extending from religion to science, including the humanities and creative arts, namely:

- a) in the field of human sciences — history, philosophy, law, sociology — ARA will attempt a thorough research of the true Romanian culture, as it is revealed by the history of the Romanian people and by both folk and learned Romanian creations;
- b) in the field of art — poetry, literature, music, painting, architecture, sculpture — the artistic values of the Romanian people will be stressed and presented in a form suitable to the American culture;
- c) in the field of science ARA will try to gather the contributions of Romanian achievements;
- d) to respond to the needs of a world striving for God and for church unity, ARA shall pursue the advancement of works susceptible to deepen religious knowledge and religious awareness. By the same token, it shall contribute to establishing a communion in love and mutual serving between the Oriental and the Occidental church. The available result of such contribution should be conveyed to the hierarchy of the two churches.

## THE AUTHORS OF VOLUME I

CHRISTIAN CONSTANDA obtained a Master of Science degree in Mathematics from the University of Iași, in 1966. He has been appointed a Research Fellow with the Mathematical Institute in Iași, the same year, and started working for a Ph.D. in Mathematics, under the supervision of Professor Mendel Haimovici — a member of the Romanian Academy. His Ph.D. thesis dealt with Elasticity Theory, and he continued to work at the same institute after obtaining the degree of Doctor in Mathematics. For one year, he held a visiting position in Algeria, and since 1977 he resides in Great Britain. Presently, he is with the Department of Mathematics, University of Strathclyde in Glasgow. His research interests are mainly in Mechanics of Continua, and Dynamical Systems.

CORNELIU CONSTANTINESCU was born in Buzău (Romania) on February 9, 1929. He attended courses at the University of Bucharest, Faculty of Mathematics and Physics, and at the Institute of Construction in Bucharest (1947-1954), obtaining Master degrees. In 1958, he obtained the Ph.D. in Mathematics with a thesis on Riemann surfaces, under Professor Simeon Stoilow — a member of the Romanian Academy of Science, and director of the Mathematical Institute in Bucharest. A member with the Mathematical Institute in Bucharest, from 1954 until 1972, Professor Constantinescu held successively visiting positions with the École Polytechnique Fédérale in Lausanne (1972-1973), and the Eidgenössische Technische Hochschule in Zürich (1973-1976). From 1976 until 1978 he was a Professor at the Technische Hochschule in Hannover, and since 1978 he is back in ETH-Zentrum, Zürich, Switzerland, as a full professor. Main publications: "Ideale Ränder Riemanscher Flächen," jointly with A. Cornea, at Springer-Verlag, 1963; "Potential Theory on Harmonic Spaces," jointly with A. Cornea, at Springer-Verlag, 1972; "Duality in Measure Theory," at Springer-Verlag, 1980.

CONSTANTIN CORDUNEANU was born in Iasi, on July 26, 1928. He became a student with the Faculty of Mathematics and Physics at the University of Iași in 1947, and obtained the Diploma in Mathematics in 1951. The Ph.D. in Mathematics has been granted to him in 1956. He was associated with the University of Iași

until 1977, holding successively the positions of Instructor, Assistant, Lecturer, Associate Professor, Professor, Dean of the Mathematics Faculty, and Vice-Rector. He also held senior research positions with the Mathematical Institute in Iași. Main publications: "Almost Periodic Functions" (First edition, Publishing House Romanian Academy, 1961; Second edition, John Wiley & Sons, 1968; Third edition, in preparation); "Principles of Differential and Integral Equations" (First edition, Allyn & Bacon, Boston, 1971; Second edition, Chelsea Publishing Co., 1977); "Integral Equations and Stability of Feedback Systems," Academic Press, 1973. Associate editor with: Mathematical Systems Theory, Springer-Verlag, 1967-1975; Revue Roumaine Math. Pures Appl., 1973-1978; Analele Univ. Iași, 1969-1977; Nonlinear Analysis, Pergamon Press, 1977-; Journal of Integral Equations, Elsevier-North-Holland, 1979-. Presently, he is with the Department of Mathematics, The University of Texas at Arlington, Arlington, Texas.

IVAN ERDELYI was born in Timișoara, Romania, in 1926. He attended courses at the University "Victor Babeș" in Cluj, where he obtained the Master of Science degree in Mathematics. He took courses with Gh. Calugareanu, D. V. Ionescu, T. Popoviciu, and T. Mihăilescu. From 1951 to 1959, Ivan Erdelyi taught at the Polytechnic Institute of Timișoara, his last position being one of an Assistant Professor. He emigrated from Romania in 1961, and for the next six years he was associated with the Mathematical Research Center of the Electronic Division, Olivetti-General Electric, Milano, Italy. He obtained the Ph.D. degree in Mathematics from the University of Rome in 1969, having on defense committee Jacopo Barsotti, Mario Curzio, Paolo Salmon, Roberto Magari, and Francesco Maisano. He has been granted the title of "Liberò Docente." From 1969 to 1972 he was an Associate Professor, and since 1972 he has been a Full Professor in Mathematics at Temple University in Philadelphia, Pennsylvania. Ivan Erdelyi coauthored "Spectral Decompositions on Banach Spaces," Springer-Verlag, 1977.

GEORGE ISAC (his biographic data will be included in the Volume II of Libertas Mathematica). He is presently with the Département de Mathématique at Collège Militaire de Saint-Jean in Saint-Jean, Québec, Canada.

VASILE ISTRĂȚESCU was born in Căzănești-Mehedinți, Romania, on February 5, 1937. He obtained his Diploma in Mathematics from the University of Bucharest in 1960, and has been appointed a Research Fellow with the Institute of Mathematics in Bucharest, the same year. In 1967 he received the Ph.D. degree in Mathematics, and has been promoted a Senior Research Fellow with the same institute. In 1975, when the Institute of Mathematics has been abolished, Dr. Istrățescu has been transferred to the Power Research

Institute in Bucharest. He spent only one year there, and since 1976 — when he has been awarded an Alexander von Humboldt Fellowship, Dr. Istrăţescu lives in West Germany (his mailing address is in care of G. Weber, Buchrainweg 61, 3 Stock, (6050) Offenbach, West Germany). His research interests are mainly in Operator Theory. Dr. Istrăţescu has authored the following books: "Introduction to Fixed Point Theory," Bucharest, 1973; "Introduction to Linear Operator Theory," Bucharest, 1975; "An Introduction to the Probabilistic Metric Spaces," Bucharest, 1976. Updated translations of these books are in print at Marcel Dekker, Inc., and D. Reidel Co.

BORIS KUPERSHMIDT was born in Kishinev (Chişinău), Soviet Socialist Republic of Moldavia, in 1946. He became a student with the Moscow State University, Department of Mechanics and Mathematics, in 1965, and there obtained his Master of Science degree in Mechanics, in 1970. After emigrating from USSR in 1978, Boris Kupershmidt attended graduate courses at M.I.T., and in 1979 he obtained his Ph.D. degree in Mathematics. Since 1978 he is T. H. Hildebrandt Research Assistant Professor, with the Mathematics Department at the University of Michigan in Ann Arbor, Michigan. His current research interests are in the theory of integrable systems.

FROIM MARCUS was born, and spent most of his active life in Romania. He emigrated to Israel only after retirement from the Polytechnic Institute in Iaşi, where he taught Mathematics for more than 20 years. By training, From Marcus is both a civil engineer, and a mathematician. He obtained the "Laurea" in Engineering from the Politecnico di Torino, in the 20's, where he took courses with Guido Fubini. It was Fubini who determined Marcus' scientific interests, and Marcus kept the deepest veneration for his professor, and for his memory. For more than 20 years, Marcus was active in engineering works in Romania, but his interests in Differential Geometry were kept alive. In the early 1950's, Marcus was appointed a Professor of Mathematics with the Institutul Politehnic in Iaşi, position from which he retired. In the 1960's, when Marcus' list of publications was containing about 100 items, he has been awarded the Ph.D. degree in Mathematics by the University of Iaşi. He is presently with the Department of Mathematics at TECHNION — Israel Institute of Technology in Haifa, Israel.

RADU ROŞCA was born on November 29, 1909, in Eliza-Stoeneşti, the district of Ialomiţa, Romania. He is holding degrees from the University of Bucharest, and the University of Paris. His Ph.D. thesis has been defended in 1939, with Élie Cartan as Chairman. From 1939 to 1950, Radu Roşca was an Assistant, Lecturer, and Professor with the University of Bucharest and the Bucharest

Polytechnic. From 1950 until 1963 he was in the ROMANIAN GOULAG, as a political convict. He has been associated with the Mathematical Institute of the Academy in Bucharest, since 1963. Radu Roşca gave invited talks in many universities in France, Belgium, Italy, West Germany, and other countries. He was a Visiting Professor with the Universities of Lille, Louvain, Toulouse and Cagliari, and has been elected a member of the Accademia Peloritana and Académie Royale de Belgique. He is a French citizen, and a member of the Association of Intellectuals for Free Europe. Radu Roşca is now a professor at the Faculté des Sciences et Techniques in Sfax, Tunisia. Main publications: "Teoria diferentiale a congruentelor in spatiul eliptic," Bucharest, 1969; "Varietati izotrope si pseudo-izotrope incluse intr-o varietate Lorentz," Bucharest, 1972; "Les sous variétés isotropes et pseudo-isotropes d'un espace hyperbolique à  $n$  dimensions," Acad. Royale de Belgique, Klasse der Wetenschappen, Jaargang XXXVIII, 1976; "Relativity and pseudo-riemannian spaces" (with Gh. Vranceanu), Bucharest, 1976.

DAVID E. ROWE received his B.A. from Antioch College in 1973. He holds an M.A. in History of Science from the University of Oklahoma, Norman, and is presently completing work on a Ph.D. in Mathematics from the same institution. His main academic interests are infinite-dimensional topology, ANR - theory, and the history of Mathematics during the 19th and 20th centuries.

NICOLAE TIPEI was born in Romania in 1913. From 1936 to 1971 he held various teaching positions with the Polytechnic Institute in Bucharest, the last one being that of an Emeritus (Distinguished) Professor. During the period 1936-1948, he had various assignments in the Romanian industry. From 1949 to 1971 he was the head of Machinery and Lubrication Division, with the Institute of Fluid Dynamics of the Romanian Academy. He was also head of the Tribology Division with the National Institute for Scientific and Technical Creation. In 1971-1972 he carried out research projects for the French companies "Total" and "Electricité de France". In 1972 he immigrated to the USA, and since 1979 he is a citizen of this country. His fields of expertise are Fluid Mechanics, Dynamics of Flight, Rocket Mechanics, Lubrication Theory, and Rheology. Since 1972 he is a research fellow with General Motors Research Laboratories, Department 17 (Mechanical Research), in Warren, Michigan. He is the author of 120 papers and reports, published in Romania, USA, France, West Germany, and USSR. Among his publications there are two books on Lubrication Theory, a textbook on Airports and Airplane Operation, a volume on Flight Mechanics. A manuscript on the Theory of Flight is now near completion.

SABETAI UNGURU received his B.S. in History and Philosophy from the University of Iaşi, and then joined the Seminarul Matematic "A. Myller" at the same school, in view of specialization in

History of Mathematics. He undertook also the study of Mathematics, while in Romania. After immigration to Israel in 1961, he obtained a fellowship which enabled him to continue graduate studies at the University of Wisconsin. He received the Ph.D. degree in the History of Science, and joined the faculty at the University of Oklahoma in Norman, where he is now an Associate Professor in the Department of the History of Science. Among his recent publications are Witelonis Perspectivae Liber Primus, a critical edition and English translation of the mathematical book (Book I) of Witelo's Perspectiva (Studia Copernicana, XV) with an introductory study, notes, and commentaries, "History of Ancient Mathematics: Some reflections on the state of the art," Isis (1979), and "On the Need to Rewrite the History of Greek Mathematics," Archive for History of Exact Sciences (1975). He is currently working on a critical edition of Books II and III of the Perspectiva, as well as on a book tentatively entitled Historical Studies in Greek Mathematics.

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*\*See also AMS publication list.*

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