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# Mathematica Balkanica

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or contact:

Mathematica Balkanica - Editorial Office;  
Acad. G. Bonchev str., Bl. 25A, 1113 Sofia, Bulgaria  
Phone: +359-2-979-6311, Fax: +359-2-870-7273,  
E-mail: [balmat@bas.bg](mailto:balmat@bas.bg)

## Academician Đ. Kurepa — A Distinguished Mathematician

0. Kurepa Đuro R., born in Majske Poljane (Glina, Jugoslavija) on August 16, 1907 as 14th and last child of Rade V. Kurepa (1870-1909) and Anđelija Đ. Kurepa, b. Mraković (1869-1950). Married twice and had 5 children (4 alive).

**1. Schooling:** Majske Poljane 1914/15-1917/18; Glina 1919/20-1922/23; Krizevci 1923/24-1926/27; Zagreb (mathematics and physics) 1926/27-1930/31; Paris 1932/33 – January 1936, Warszawa (spring semester 1937), Princeton (winter semester 1959/60). Doctorate ès mathématiques sciences (Paris, 19. 12. 1935; Committee: P. Montel (President), M. Fréchet (mentor and reporter) and A. Denjoy; Title of the Thesis: Ensembles ordonnés et ramifiés, Beograd 1935 pp. 6+138+2 and Publ. Math. Univ. 4, 1935, 1-138).

**2. Appointments.** Assistant at Philosophical Fac. at Zagreb (1931/32); taught at Gymnasium at Zagreb in 1937/38; docent at Philos. Fac. at Zagreb 1938-1945, extraordinary professor 1945/46; full professor at Fac. Sci. at Zagreb 1946-65 and at Belgrade 1965-1977; visiting prof. at the University of Boulder (spring semester 1960), and at the Teacher's College of the Columbia University, New York 1959, Summer School; Director of the Mathematical Institute, Fac. of Science, Zagreb 1943-1965 and Belgrade 1969-1976 respectively; President of Educational Council of Serbia 1968-1972. In Matematički institut Beograd: president on the Scientific council (1966-68), deputy director (1968-9), head of the Mathematical Department (1970-82), head of the Project for Mathematical and Functional Analysis. President of the Union of mathematical institutes in Yugoslavia (1970). Examiner (Zagreb) and president (Beograd) of the Examination Committee for professors of mathematics at secondary schools. Since 1977/78 Emeritus Professor.

**3. Professional affiliations.** Yugoslav Academy of Sciences and Arts (c. member 1952), The Academy of Sciences and Arts of Bosnia & Hercegovina (member 1984). Serbian Academy of Sciences and Arts (member 1988). Member and cofounder of the Scientific Society of Serbia (1969), member, cofounder and initial president of the Society of mathematicians and physicists of Croatia, first vice-president of the Croatian Natural Society (1947-51), member of mathematical societies of Serbia, France (– since 1936), American Mathematical Society (since 1950), Deutsche Mathematiker Vereinigung (1983), of the Association for Symbolic Logic (1952), Gottfried Wilhelm Leibniz Gesellschaft (Hannover) (1976), President of the Union of societies of mathematicians, physicists and astronomers of Yugoslavia (1955-60), President of Yug. Committee of Mathematics (1970-80), head of the Yug. delegation at General Assemblies of Int. Math. Union (1952-1978), Vice-president of the ICMI (1952-62), President of the Balkan Mathematical Union (1977-1983), Corr. member of the World Fed. of Sci. Workers (1981-).

**4. Honours, Awards, Prizes:** Order of work with red flag (1965), Order for merits for people with golden star (1975), Prize AVNOJ (1976) – the greatest scientific and cultural award in Yugoslavia. Honorary member of the club of young mathematicians Arhimedes, Beograd (1975), honorary member of the Balkan Mathematical Union (1977), honorary member of the Nikola Tesla Memorial Society for Canada and USA (1982). Bernard Bolzano Medallion, Praha (1981), Charter Marin Drinov of the Presidium of the Bulgarian Acad. of Sciences (1987).

**5. Kurepa Đ.** delivered mathematical talks at almost all of 19 Yugoslav universities, and in almost all European countries, in USA, Cuba, Israel, Iraq (at least 10 talks in each of the following countries: Italy, France, Fed. Rep. of Germany, DDR, Soviet Union, USA); altogether at least 100 lectures. He attended all European countries, in particular, he lectured in every Balkan country.

He took an active part at: all international mathematical congresses (1950-1982), on 3 International congresses on the Methodology of Science (Jerusalem 1964, Hannover 1979, Salzburg 1983), on 2 Internat. Congresses of Philosophy (Bruxelles 1953, Venezia 1958), at many regional or national congresses and Symposia concerning Topology, Algebra, Cybernetics and Computing devices (Paris 1951, Cambridge Mass 1957, Madrid 1957), at all (8) Yugoslav math. congresses (1949-85), at all Balkan Math. Congresses 1967-83; (he was president of the org. committee and president of the 5th Balkan Math. Congress at Belgrade 1974). He was organizer and president of the 3 International topological Symposia hold in Yugoslavia (Herceg Novi 1968, Budva 1972, Belgrade 1977) and editor of the corresponding Proceedings. He was, at Belgrade 1978, president of the Org. Comm. of the Symposium of the 100th anniversary of the birth of Mihailo Petrović (1878-1942). In Zagreb 1953 he organized the 10th commemoration of death of the great inventor Nikola Tesla (1846-1943). Jointly with Howard Fehr (New York) he organized on behalf of OECD a Summer School on problems of mathematical instruction (1960 Zagreb – Dubrovnik) with conclusions labelled as “Dubrovnik, Conclusions” followed immediately by an international Symposium held at Belgrade, on coordination of instruction of Mathematics and Physics (cf. K. 1962: 5); K. was president of this Symposium as well as of the Third congress of mathematicians, physicists and astronomers of Yugoslavia held at the same time at Belgrade. As vice-president of the ICMI he organized (for the IMC Amsterdam 1954) an international inquiry under the title Role of Mathematics in the contemporary life and was at the Congress the main reporter on the subject. As invited speaker he spoke on the IMC at Edinburgh 1958 on the theme Some principles of mathematical education.

**6. University courses.** Kurepa lectured on the Philosophical Faculty at Zagreb (1937-45), Faculty of Sciences Zagreb (1946-1965), Fac. of Sci. at Beograd (1965-1977), and at the same time at the Faculty of Sciences at Kragujevac (1972/3-79/80) and the Faculty of Organizational sciences (Beograd 1971-74), Teacher's College of the Columbia University (New York, Summer School 1959), Univ. of Boulder, Colorado (Spring Semester 1960). The courses were various: Calculus, Algebra, Algebraic structures, Differential Equations, Theory of Complex functions, Real functions, Analysis, Sets, Topology. He conducted some research courses on Sets and Topology and a regular mathematics seminar. He was member of founding committees of the Faculty of Sciences (Zagreb 1946), the Faculty of Organizational Sciences (Beograd 1971-4), of the Scientific Society of Serbia (1969), of the Balkan Mathematical Union (1967), the center for multidisciplinary studies of the University (Beograd 1970), of mathematical

journals: *Matematičko-fizički i astronomski Glasnik* (Zagreb 1945) and *Mathematica Balkanica* 1971.

**7. Education and raising of new mathematicians.** Through courses, seminars, ... by giving research subjects, ... Kurepa contributed to education and raising of new mathematicians in Yugoslavia. He was mentor of:

- 8 specialist's dissertations +
- 49 Mathematical Master of Arts dissertations +
- 42 " " doctorate dissertations +
- 3 Pedagogical councilor dissertations.

He was author of textbooks for secondary level and for university. Set and transformation are main tools for teaching.

**8. Papers, books, observations, discussions, interviews, reviewings, ...** The total number is 1707. In particular:

8.1. Books or scripta (alone or with coauthors) – 147; editor in chief of 2 international topological symposia.

8.2. Papers, notes, miscellaneous – 588.

8.3. Reviewings – 971: 324 (*Mathematical Reviews*) + 18 (Ref. *Zurnal Matematika*) + 624 (*Zentralblatt für Mathematik*) + 1 (*Glasnik MFA*) + 2 (*Matematički Vesnik*) + 1 (*Radovi Mat. Sarajevo*) + 1 (*Zbl für Didaktik der Math.*, 3, Karlsruhe 1971, pp. 61-62).

### 9. Scientific Publications (a sublist of a more complete list)

- 1933 (1) Sur les espaces distanciés séparables généraux. *C. R. Acad. Sci. Paris*, **197**, 1933, 1276-1278.
- 1934 (1) Sur le continu linéaire. *C. R. Acad. Sci. Paris*, **198**, 1934, 703-705.  
 (2) Sur les ensembles ordonnés. *Ibidem*, 882-885.  
 (3) Tableaux ramifiés d'ensembles. Espaces pseudodistanciés. *Ibidem*, 1563-1565.  
 (4) Tableaux ramifiés d'ensembles. *C. R. Acad. Sci. Paris*, **199**, 1934, 112-114.
- 1935 (1) Ensembles ordonnés et ramifiés. (Thèse) Paris, 1935, 6+138+2 p.  
 (2) Ensembles ordonnés et ramifiés. *Publ. Math. Univ. Belgrade*, **4**, 1935, 1-138.
- 1936 (1) L'hypothèse de ramification. *C. R. Acad. Sci. Paris*, **202**, 1936, 185-187.  
 (2) L'espace ( $\Omega$ ) n'est pas une classe (E). *Publ. math. Univ. Belgrade*, **5**, 1936, 92-99.  
 (3) Sur les classes E et D. *Ibidem*, 124-132.  
 (4) Le problème de Souslin et les espaces abstraits. *C. R. Acad. Sci. Paris*, **203**, 1936, 1049-1052.
- 1937 (1) Un critère de distanciabilité. *Mathematica (Cluj)*, **13**, 1937, 59-65.  
 (2) Ensembles linéaires et une classe de tableaux ramifiés. (Tableaux ramifiés de M. Aronszajn). *Publ. math. Univ. Belgrade*, **6/7**, 1937/38, 129-160.  
 (3) Le problème de Souslin et les espaces abstraits. *C. R. Acad. Sci. Paris*, **204**, 1937, 325-327.  
 (4) Transformations monotones des ensembles partiellement ordonnés. *C. R. Acad. Sci. Paris*, **205**, 1937, 1033-1035.  
 (5) L'hypothèse du continu et les ensembles partiellement ordonnés. *C. R. Acad. Sci. Paris*, **205**, 1937, 1196-1198.
- 1938 (1) On order relations. *Rad. JAZU*, **261** (81), 1938, 187-212 (In Serbo-Croatian).

- 1939 (1) Sur les relations d'ordre. *Bull. int. Acad. Yougoslave Sci. Beaux-Arts*, **32**, 1939, 66-76.  
 (2) Sur la puissance des ensembles partiellement ordonnés. *C. R. Soc. Sci. Varsovie, cl. math.*, **32**, 1939, 61-67.
- 1940 (1) Une propriété des familles d'ensembles bien ordonnés linéaires. *Studia Math.*, **9**, 1940, 23-42.  
 (2) Transformations monotones des ensembles partiellement ordonnés. *Revista de Ciencias* (Lima), **42**, 1940, No 434, 827-846; **43**, 1941, No 437, 483-500.
- 1942 (1) Über eine Eigenschaft von Systemen linearer wohlgeordneter Mengen. *Math. Ann.*, **118**, 1942, 578-587.  
 (2) A propos d'une généralisation de la notion d'ensembles bien ordonnés. *Acta Math.*, **75**, 1942, 139-150.
- 1945 (1) Le problème de Souslin et les espaces abstraits. *Revista de Ciencias* (Lima), **47**, 1945, No 453, 457-488.
- 1946 (1) Triangle and orthotriangle. *Glasnik MFA* (2), **1**, 1946, 90-91, (In Serbo-Croatian).
- 1947 (1) Ensembles de suites dénombrables d'entiers (contribution au problème de Souslin). *Известия АН СССР, Сер. Мат.*, **11**, 1947, 59-66 (Russian translation 67-77).
- 1948 (1) L'hypothèse du continu et le problème de Souslin. *Publ. Inst. Math.*, **2**, 1948, 26-36.  
 (2) Sur les ensembles ordonnés dénombrables. *Glasnik MFA* (2), **3**, 1948, 145-150.
- 1949 (1) The concept of a binary relation. Equivalence relation. Order relations. *Vesnik DMFS*, **1**, 1949, No 3-4, 53-58 (In Serbo-Croatian).
- 1950 (1) Sur la définition et l'ensemble des nombres complexes. *Publ. Inst. Math.*, **3**, 1950, 89-99.  
 (2) Ensembles partiellement ordonnés et ensembles partiellement bien ordonnés. *Publ. Inst. Math.*, **3**, 1950, 119-125.  
 (3) Sur une définition et une ordination des nombres complexes. *Vesnik DMFS*, **2**, 1950, No 1-2, 1-18 (In Serbo-Croatian).  
 (4) Le problème de la mesure et les transformations monotones des ensembles partiellement ordonnés. *Rad. JAZU*, **277**, 1950, 229-237 (In Serbo-Croatian); *Bull. Internat. Acad. Yougoslave Sci. Beaux-Arts* (N.S.), **6**, 1952, 91-96.  
 (5) The principle of complete induction. *Rad. JAZU*, **277**, 1950, 238-248 (In Serbo-Croatian); *Bull. Internat. Acad. Yougoslave Sci. Beaux-Arts* (N.S.), **6**, 1952, 97-103.  
 (6) Démonstration du principe de l'induction totale. *C. R. Acad. Sci. Paris*, **230**, 1950, 703-705.  
 (7) Sur la notion de processus (fonction générale). *C. R. Acad. Sci. Paris*, **231**, 1950, 316-318.  
 (8) La condition de Souslin et une propriété caractéristique des nombres réels. *C. R. Acad. Sci. Paris*, **231**, 1950, 1113-1114.  
 (10) On the character of mathematics. First Congress of Mathematicians and Physicists of Yugoslavia, Bled, 1949, t. 1, Belgrade, 1950, 182-183 (In Serbo-Croatian).
- 1951 (1) Problématique des ensembles partiellement ordonnés. Premier congrès des mathématiciens et physiciens de la RPF Yougoslavie, Bled, 1949, t. 2, Beograd, 1951, 7-19 (In Serbo-Croatian).  
 (2) Fonctions et correspondances et liaison avec l'enseignement secondaire. *Ibidem*, 49-58 (In Serbo-Croatian).

- (3) Über die Prinzipien der Induction. *Rec. tr. inst. math.*, fasc. 1, 1951, 109-118. (In Serbo-Croatian).
- (14) The Theory of Sets. Zagreb, 1951. 443 p. (In Serbo-Croatian).
- 1952 (1) Sur les ensembles partiellement ordonnés. Proc. Internat. Congr. Math., Cambridge (Mass.), 1950, vol. 1, Providence, 1952, 460-461.
- (4) On a characteristic property of finite sets. *Pacific J. Math.* 2, 1952, 323-326.
- (6) Rational numbers as ordered triplets of natural integers. *Glasnik MFA*, 7, 1952, 133-139.
- (8) Sur une propriété caractéristique du continu linéaire et le problème de Souslin. *Publ. Inst. Math.*, 4, 1952, 97-108.
- (9) Remarque sur le produit de deux nombres complexes de même. *Publ. Inst. Math.*, 4, 1952, 176-177.
- (10) On a definition and notation of matrices. On a kind of switch matrices. *Vesnik DMFS*, 4 (1952), No 1-2, 1-4, 5-7.
- (11) Sur la relation d'inclusion et l'axiome de choix de Zermelo. — In: Actes du 2<sup>e</sup> Coll. Internat. de Logique Math., Paris, 1956, 95-96.
- (12) Sur la relation d'inclusion et l'axiome de choix de Zermelo. *Bull. Soc. Math. France*, 80, 1952, 225-232.
- (13) Deux conséquences équivalentes, relatives aux nombres ordinaux, de la bonne ordination du continu linéaire. *C. R. Acad. Sci. Paris*, 234, 1952, 175-177.
- (14) Die Permutation einer Menge und das Auswahlaxiom. III Österr. Math. Kongress, Salzburg, 1952, Vortragsberichte. Salzburg, 1952, p. 102.
- 1953 (1) Über das Auswahlaxiom. *Math. Ann.*, 126, 1953, 381-384.
- (5) Généralisation de l'opération de Souslin, de celle d'Alexandroff et de la formule de Morgan. *Rad. JAZU*, 292, 1953, 233-249 (In Serbo-Croatian); *Bull. Internat. Acad. Yougosl. (N. S.)* 5, 1955, 96-107.
- (6) Real and ordinal numbers as sets of rational numbers. *Glasnik MFA* (2), 8, 1953, 270-278 (In Serbian).
- (7) On some coupled operators in ordered sets. *Vesnik DMFS*, 5, 1953, No 3-4, 15-19.
- (8) Sur les polytopes. *Vesnik DMFS*, 5, 1953, No 3-4, 23-29.
- (9) Über die Binomialkoeffizienten. *Ibidem*, 33-41.
- (10) On reflexive symmetric relations and graphs. *Acad. Sci. Art. Slovenica*, Cl. III, Ser. A, Dissertationes IV/4. Ljubljana, 1952-3.
- (11) Sur une hypothèse de la théorie des ensembles. *C. R. Acad. Sci. Paris*, 1953, 564-565.
- (12) Sur un principe de la théorie des espaces abstraits. *C. R. Acad. Sci. Paris*, 256, 1953, 655-657.
- (13) Sur les correspondances multivoques. *C. R. Acad. Sci. Paris*, 257, 1953, 1133-1135.
- 1954 (1) On symmetrical binary relations. Conseil Acad. RFP Yougoslavie *Bull. Scientifique* 2 (Zagreb 1954), No 1, 9.
- (2) Fonctions croissantes dans la famille des ensembles bien ordonnés. *Ibidem*, 9.
- (3) Über die Binomialzahlen. *Ibidem*, 9-10.
- (4) Sur la relation d'inclusion et l'axiome de choix de Zermelo. — In: Applications scientifiques de la Logique mathématique. Actes du 2<sup>e</sup> coll. int. de Logique mathématique, Paris, p. 176. Discussions: 23-24, 64, 74, 83, 95-96, 127-128, 140, 159-160.

- (14) Sur les fonctions réelles dans la famille des ensembles bien ordonnés des nombres rationnels. *Rad. JAZU*, **296**, 1953, 85-93 (In Serbo-Croatian); *Bull. Internat. Acad. Yougosl. Cl. Math. Phys. Tech. (N. S.)\**, **12**, 1954, 35-42.
- (15) Some remarks on abstract spaces. Ibidem, 95-103 (In Serbo-Croatian); Ibidem\*, 43-50.
- (16) Über die Faktoriellen endlicher und unendlicher Zahlen. Ibidem, 105-122 (In Serbo-Croatian); Ibidem\*, 51-64.
- (17) Une généralisation des matrices. *C. R. Acad. Sci. Paris*, **239**, 1954, 19-20.
- (18) Some induction principles. — In: Proc. Internat. Math. Congress, 1954, vol. 2, p. 130; *Bull. Sci. Youg.*, **2**, 1955, 81.
- (19) The role of mathematics and mathematicians in the present time. *Enseignement math. phys.*, **3**, 1954, No 1, 1-15.
- 1955 (3) Sur une classe de continus ordonnés. *C. R. Acad. Sci. Paris*, **240**, 1955, 2283-2284.
- (4) Some principles of induction. *Publ. Inst. Math.*, **8**, 1955, 1-12.
- (5) Sur les principes de l'enseignement mathématique. *Enseignement math. phys.*, **4**, 1955, 133-140.
- (6) Still about induction principles. *Rad. JAZU*, **302**, 1955, 77-86 (In Serbo-Croatian and English).
- (7) On the symmetry. *Glasnik MFA (2)*, **10**, 1955, 239-254.
- (8) Quelques aspects de l'importance de la théorie des ensembles. Ibidem, 255-257.
- (9) Über eine neue Hypothese in der Mengenlehre. *Bull. Int. Math. Union*, **9**, 1955, No 37/38, 69.
- (10) Le rôle des mathématiques et du mathématicien à l'époque contemporaine. *Enseign. math.*, **1**, 1955, 93-111.
- 1956 (1) Sur l'écart abstrait. *Glasnik MFA (2)*, **9**, 1956, No 2, 105-134.
- (2) Ecart astratto. Distanza astratta. Atti del quinto congresso dell'Unione matematica italiana, Pavia-Torino, 1956. Roma, 1956, 332-333.
- (3) Ensembles ordonnés et leur sous-ensembles bien ordonnés. *C. R. Acad. Sci. Paris*, **242**, 1956, 2202-2203.
- (4) Geordnete Mengen und Partitivmengen. Vierter Österr. Math. Kongress, Wien, 1956. Vortragsauszüge. Wien, 1956, p. 202.
- 1957 (1) Partitive sets and ordered chains. *Rad. JAZU*, **302**, 1957, 197-235.
- (2) On a new reciprocity, distribution and duality Law. *Pacific J. Math.*, **7**, 1957, 1125-1143.
- 1958 (1) On regressing functions. *Z. math. Logik u. Grundlagen d. Math.*, **4**, 1958, 148-156.
- (2) Ordinalzahlen (Anhang zu Kapitel I) — p. 158-171. — In: Grundzüge der Mathematik I, Göttingen, 1958, 12+559 p. (Zusammen mit. A. Aymanns).
- (3) Ein Lemma über Transformationen. *Math. Nachr.*, **19**, 1958, 186-189.
- (4) On two problems concerning ordered sets. *Glasnik MFA (2)*, **13**, 1958, 229-234.
- (8) On the summation of fundamental fractions. *Bull. Soc. Math. Phys. Serbie*, **10**, 1958, 35-40 (Together with D. Doković).
- 1959 (2) On the cardinal number of ordered sets and of symmetrical structures in dependence on the cardinal numbers of its chains and antichains. *Glasnik MFA (2)*, **14**, 1959, 183-203.

- (3) Sull'ipotesi del continuo. *Rend. Sem. Mat. Univ. Politecn. Torino*, **18**, 1959, 11-20.
- (4) К проблеме Суслина. Труды III математического съезда. Москва, 1956, т. 4, Москва, 1959, 162-163.
- (5) Обобщенные метрические пространства. *Ibidem*, 197-198.
- (6) General continuum hypothesis and ramifications. *Fund. Math.*, **37**, 1959, 29-33.
- (7) Sur une proposition de la théorie des ensembles. *C. R. Acad. Sci. Paris*, **249**, 1959, 2698-2699.
- (8) On four numbers associated with ordered or ranked sets. *Unione Matematica Italiana*, VI Congresso nazionale. Napoli, 1959, p. 48.
- (9) Some modern trends in the teaching of mathematics. *Ibidem*, p. 121.
- (10) Sets-Logics-Machines. — In: Proc. Internat. Sympos. Switching Theory 1957, Part I. Cambridge, Mass., 1959, 137-146.
- (12) Alcuni aspetti internazionali della riforma dell'insegnamento matematico. *Boll. Un. mat. Ital.* (3), **14**, 1959, 226-236.
- 1960 (2) Scientific foundations of school mathematics. *Enseignement math.* (2), **5**, 1960, 196-202.
- (3) Des principes de l'enseignement mathématique. *Enseignement math.* (2), **5**, 1960, 203-212.
- (4) Some principles of mathematical education. — In: Proc. Internat. Congress Math. 1958, 1960, 567-572.
- (5) Some philosophical aspects of the Set Theory. — In: Atti XII Congr. Internaz. Filosofia, Venezia 1958, Vol. 5. Firenze, 1960, 323-326.
- (8) On the teaching of geometry in secondary schools. *Enseignement math.* (2) **6**, 1960, 69-80; 313-320.
- 1961 (2) On rank-decreasing functions. — In: Essays on the foundations of mathematics (dedicated to A. A. Fraenkel on his 70th Anniversary). Jerusalem, 1961, 248-258.
- (3) On a hypothesis in the set Theory. *Glasnik MFA* (2), **16**, 1961, 148.
- (4) On some numbers linked with set systems and spaces. *Ibidem*, 326.
- (6) Some principles on the coordination of mathematics and physics. *Nastava matematike i fizike*, **10**, 1961, 51-57.
- 1962 (2) Reelle Funktionen. (Kapitel 12) — p. 485-520; Analysis und Zahlentheorie (Kapitel 13) — p. 521-547. — In: Grundzüge der Mathematik für Lehrer an Gymnasien sowie Mathematiker in Industrie und Wirtschaft. Bd. III. Analysis (Hrsg. H. Behnke, F. Bachmann, K. Fladt und W. Süss). Göttingen, 1962, 613 p. (Zusammen mit B. Schön).
- (6) The Cartesian multiplication and cellularity number. *Publ. Inst. Math. (N. S.)*, **2** (16), 1962, 121-139.
- (8) On an inequality concerning Cartesian multiplication: — In: General Topology and its Relations to Modern Analysis and Algebra. (Proc. Symp. Prague, Sept., 1961). Prague, 1962, 258-259.
- 1963 (1) Sulla moltiplicazione cartesiana degli spazi, dei grafi, ... *Conferenze Sem. Mat. Univ. Bari.*, **89**, 1963, p. 18.
- (2) On universal ramified sets. *Glasnik MFA* (2), **18**, 1963, 18-24.
- (3) Star number and antistar number of ordered sets and graphs. *Ibidem*, 28-36.
- (5) On the existence of pseudometric non totally orderable spaces. *Ibidem*, 183-192.
- (7) Distanza numerica e distanza non numerica. *Conferenze Sem. Mat. Univ. Bari.*, **90**, 1963, p. 26 (with a photograph and biography of the author).



- 1964 (1) Some reflexions on sets and non-sets. *Publ. Inst. Math. (N. S.)*, **4** (18), 1964, 101-106.  
 (2) Remark on recent two results of Dilworth and Gleason. *Ibidem*, 107-108.  
 (3) Factorials of cardinal numbers and trees. *Glasnik MFA (2)*, **19**, 1964, 7-21.  
 (4) Fixpoints of monotone mappings of ordered sets. *Ibidem*, 167-173.  
 (5) Monotone mappings between some kinds of ordered sets. *Ibidem*, 175-186.  
 (6) On universal ordered sets. *Publ. Fac. Sci. Univ. J. E. Purkině*, **A28**, 1964, No 457, 475-476.
- 1965 (1) On triangular matrices. *Glasnik MFA (2)*, **20**, 1965, No 1-2, 3-22.  
 (2) On order-isomorphism of trees. *Glasnik MFA (2)*, **20**, 1965, No 3-4, 195-204.  
 (3) On p-adic spaces of Hensel. *Publ. Inst. Math. (N. S.)*, **5** (19), 1965, 133-135.
- 1966 (1) Imbedding of ordered sets in minimal lattices. *Publ. Inst. Math. (N. S.)*, **6**(20), 1966, 165-170.  
 (8) The first centennial anniversary of birth of the mathematician Vladimir Varičak (16.03.1865-17.01.1942). *Mat. vesnik (N. S.)*, **3**(18), 1966, 61-68 (In Serbo-Croatian).  
 (9) The first centennial of birth of Jacques Hadamard. (Jacques Salomon Hadamard 8.12.1865-17.10.1963). *Ibidem*, 69-72.
- 1967 (1) On the set of all h-sequences of m-ary digits. *Glasnik mat. III Ser.*, **2**(22), 1967, 145-162.  
 (3) On numerical and non-numerical ecart. — In: General Topology and its Relations to Modern Analysis and Algebra II. (Proc. Second Prague Topological Sympos, 1966), Prague, 1967, 236-237.
- 1968 (1) On the category number of topological spaces. *Publ. Inst. Math. (N. S.)*, **8**(22), 1968, 149-152.  
 (2) On A-trees. *Ibidem*, 153-161.  
 (3) On some functions, on topological spaces, graphs, ... *Rend. Sem. Mat. Fis. Milanov*, **38**, 1968, 41-51.  
 (4) Plemelj Josip (11.12.1873. Bled — 22.05.1967. Ljubljana). *Mat. vesnik*, **5**(20), 1968, 229-242.  
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Based on D. Kurepa's paper "Some facts concerning my life and work" and "Papers, books, observations, discussions,..."

### Some Used Abbreviations

Bull. Soc. math. France — Bulletin de la Société mathématique de France  
 Bull. Soc. Math. Phys. Serbie — Bulletin de la Société des Mathématiciens et des Physiciens de la R. P. de Serbie  
 C. R. Acad. Sci. Paris — Comptes Rendus... de l'Académie de Science, Paris

Enseign. math. — L'Enseignement mathématique

Glasnik MFA (2) — Glasnik matematičko-fizički i astronomski, s.2 (Periodicum mathematico-physicum et astronomicum. Seria II.)

Mat. vesnik — Matematički vesnik, Nova Serija. (A continuation of Bull. Soc. Math. Phys. Serbie)

Publ. Inst. Math. (N. S.) — Publications de l'Institut Mathématique. Nouvelle Série (Académie Serbe des Sciences)

Publ. math. Univ. Belgrade — Publications de l'Université de Belgrade

Rad. JAZU — Rad Jugoslavenska Akademija Znatnosti i Umjetnosti. Zagreb

Rec. tr. inst. math. — Recueil des travaux de l'Institut mathématique (Зборник радова.

Математички Институт — Српска Академија Наука)

Vesnik DMFS — Vesnik Društva Matematičara i fizičara Srbije