

# Czechoslovak Mathematical Journal

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## News and Notices

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## NOTICES

## THE MATHEMATICAL COMMUNITY OF PRAGUE

The Mathematical Community of Prague unites scientific workers and friends of mathematics in Prague. It is formed by the members of the Union of Czechoslovak Mathematicians and Physicists, the employees of the Central Institute of Mathematics, the staffs of the Mathematical Institutes of the Charles University and Technical University in Prague, scientific workers and students. They usually meet once in a fortnight on Mondays at five o'clock p. m. in Prague II, Ke Karlovu 3, to hear the lectures and reports.

From the beginning of the activity of the Mathematical Community i. e. from the 1st October 1950 to the end of the summer half-year 1951 the following lectures and reports were held:

- Oct. 23rd 1950 *Vojtěch Jarník*: New Soviet books on analytic theory of numbers.  
 Nov. 13th *T. A. Sarymsakov*: Survey of some questions from the theory of Markov's chains.  
 Nov. 27th *Vladimír Knichal*: Numerical solutions of algebraic equations in the technical practice.  
*Eduard Čech*: Discussion on teaching mathematics on Technical Universities.  
 Dec. 11th *Miroslav Katětov*: Academician Nikolaj Nikolajevič Luzin.  
*Eduard Čech*: Continuation of the discussion on teaching mathematics on Technical Universities.  
 Jan. 8th 1951 *Eduard Čech*: Metric of Convex surfaces (results of the Leningrad school).  
*Vladimír Kořínek*: Discussion on the terminology in algebra.  
 Jan. 22nd *Miroslav Katětov*: Boolean algebras.  
*Vladimír Kořínek*: Colloquium on Algebra and Theory of Numbers in Paris 1949.  
 Febr. 5th *Vladimír Knichal*: A remark on the mathematical solution of electro-conducting circuits.  
 Febr. 26th *Josef Novák*: Ordered continua.  
*Ladislav Rieger*: Application of the theory of ordered continua to Boolean Algebra.  
 March 12th *Miloš Kössler*: Single-valued polynomials and single-valued functions.  
*Vladimír Kořínek*: A remark to the problem Nro. 6 from the book of problems: Existence of infinitely many prime numbers of the type  $n^2 + 1$ .  
*Jan Mařík*: A remark to the preceding report.  
 March 19th *Kazimierz Kuratowski*: Homotopy theory in connection with the theory of functions of a complex variable.

March 21st	<i>Kazimierz Kuratowski</i> : Continuation.
March 22nd	<i>Kazimierz Kuratowski</i> : Continuation.
March 28th	<i>Kazimierz Kuratowski</i> : On one characteristic property of cardinal numbers.
March 28th	<i>Miroslav Fiedler</i> : Geometrical characterization of the points $(x, y)$ for which $f = \sum_{r=1}^n  a_r x + b_r y + c_r  + ax + by + c = 0$ (solution of the problem Nro 9 from the book of problems).
March 30th	<i>Henryk Greniewski</i> : Calculus of propositions and the electrical networks.
April 2nd	<i>Henryk Greniewski</i> : Continuation.
April 4th	<i>Henryk Greniewski</i> : Continuation.
April 5th	<i>Henryk Greniewski</i> : Continuation.
April 6th	<i>Kazimierz Kuratowski</i> : On Janiszewski's spaces.
April 16th	<i>Eduard Čech</i> : The work of the late Prof. Dr Hostinský. <i>Miloš Zlámal</i> : On nonlinear forced oscillations.
April 30th	<i>Miroslav Katětov</i> : Dimension theory of general metric spaces.
May 21st	<i>Eduard Čech</i> : Schwarz's theory of distribution.
June 4th	<i>Jan Bielek</i> : Linear point systems on a prime ideal of dimension 1.

#### Guests.

In accordance with the stipulations concerning the collaboration between the *Polish State Institute of Mathematics* (PIM) and the *Czechoslovak Central Institute of Mathematics* (UUM), which form a part of the Cultural Convention between Poland and Czechoslovakia for the year 1951, Czechoslovakia was visited by the director of PIM Prof. Dr *Kazimierz Kuratowski* and by the leader of the section for the calculating machines of the same Institute Dr *H. Greniewski*.

Prof. *K. Kuratowski* arrived in Czechoslovakia on March 17th 1951. He lectured in Prague on the 19th, 21st and 22nd of March on the Homotopy theory in connection with the theory of functions of a complex variable and on the 28th of March on One characteristic property of cardinal numbers and on the 6th of April on Janiszewski's spaces.

On the April 1st and 2nd he visited Brno where he lectured on the Extension of continuous transformations and on April 3rd and 4th he spoke in Bratislava on the Organisation of the scientific work in Poland and on the Space of continuous functions.

Dr *H. Greniewski* held a course of Calculus of Propositions and the Electrical Networks for the members of the Mathematical Community of Prague and for our Engineers on March the 30th and on April the 2nd, 4th and 5th 1951.

Both our distinguished guests brought a great stimulus to our mathematical life and showed our young mathematicians some results that were achieved by the mathematical school of Poland.

On April the 7th they left for Warszawa.