

Editorial Remarks. The number of pages published in 1957 was 624, 42% by Canadians or former Canadians. This compares with 34% in 1956, and probably reflects the influence of the Summer Research Institute.

Professor G. F. D. Duff will take over as Editor-in-Chief at the end of the current volume. The Editors wish him every success, and extend their thanks to all who have given editorial assistance or refereed papers.

H. S. M. Coxeter

G. de B. Robinson

THE CANADIAN MATHEMATICAL CONGRESS SEMINAR IN EDMONTON

August 12 to August 31, 1957

The sixth mathematics seminar was held on the University of Alberta campus in Edmonton, Alberta, in conjunction with the first seminar of the Canadian Association of Physicists (Theoretical Physics Division). The following courses were given:

Instructional Lectures in Mathematics

Theory of Numbers, L. Moser

Introduction to Mathematical Logic, A. Robinson

Theory of Games and Linear Programming, A. W. Tucker

Introduction to Theory of Lie Rings, H. J. Zassenhaus

Instructional Lectures in Theoretical Physics

High Energy Physics, J. D. Jackson

Some Aspects of the Theory of Magnetism, W. Opechowski

Quantum Theory of Angular Momentum, W. T. Sharp

Scattering Theory, T. Y. Wu

Research Lectures in Mathematics

Intrinsic Geometry of General Surfaces, A. D. Alexandrov
(Leningrad)

Les Anneaux d'opérateurs, J. Dixmier (Paris)

Nilpotent Groups, Philip Hall (Cambridge)

Quantum Mechanics and Relativistic Invariance,
E. P. Wigner (Princeton)

Research Lectures in Theoretical Physics

Solid State Theory, E. N. Adams (Westinghouse)

Some Properties of Uncommon Forms of Matter,
P. Morrison (Cornell)

Fundamental Particles and their Interactions,
J. Schwinger (Harvard)

Approximately 190 persons, including wives and children, were accommodated, mostly in the student residences.

The seminar was opened officially on Monday afternoon, August 12th, when the President of the University (Dr. A. Stewart), the Mayor of Edmonton (Mr. W. Hawrelak) and the Alberta Minister of Education (Mr. A.O. Aalborg) extended greetings.

A special convocation was held on Friday, August 16th, in conjunction with the meetings of the Association Canadienne des Educateurs de Langue Française. Honorary degrees were conferred on Prof. H.S.M. Coxeter (presented by Prof. E.S. Keeping) and Prof. E.P. Wigner (presented by Prof. Grayson-Smith).

A garden party in glorious weather was held on the lawn of President Stewart's home, on Saturday afternoon, August 17th. The colorful saris of the Indian ladies present provided a picturesque touch.

The City of Edmonton gave a civic dinner to the members and wives in the Macdonald Hotel on August 21st. Professor Keeping presided and Dr. P. Morrison gave the main address, in the course of which he described how the wanderings of the earth's magnetic pole in the long distant past could be detected and followed by magnetic measurements today.

Professor A.D. Alexandrov, Rector of the University of Leningrad, gave a public address on August 29th in the Edmonton Jubilee Auditorium. His talk, which was very well attended, described the educational system in the U.S.S.R. and in particular the emphasis which is placed there on mathematics.

An informal reception for members and their wives was held in the Students Union Building on August 14th. Professor Tucker gave an address on the newer concepts which are changing the traditional mathematical teaching at many Universities in the United States.

On Friday afternoon, August 23rd, most of the members and their wives visited the Devon oilfield, a gas-processing plant, and an oil refinery; arrangements for this visit were made by Dr. George Govier, head of the Department of Chemical Engineering.

Exhibits of books lent by several publishing houses

were on display during the seminar in the Mathematics Department. Special facilities for consulting relevant literature were offered by the staff of the Rutherford Library, who also prepared an exhibit of old books, pictures and other items of historical and mathematical interest.

Thanks are due to a number of wives of Alberta staff members who entertained the visiting ladies. Informal hospitality was extended also by several members of the Mathematics and Physics staffs to various groups of visitors.

CANADIAN MATHEMATICAL CONGRESS, BANFF

September 1 - September 7, 1957

Immediately following the seminar in Edmonton the fourth quadrennial Mathematical Congress was held in Banff, Alberta. The Canadian Association of Physicists (Theoretical Physics Division) participated in this, as they did in the seminar.

About 250 persons, including wives and children, attended the Congress. The majority were housed in the chalets of the Banff School of Fine Arts, but a considerable overflow had to be accommodated in the Y.M.C.A. and in other buildings at a little distance from the School. Local arrangements were capably looked after by Dr. D.R. Crosby.

All meetings were held in the Administration Building at the School. The program included a panel discussion on High School mathematics (Prof. S. Jennings presiding). At the latter an excellent talk was given by Mr. P.L. Kartzke, a Vice-President of the Shell Oil Company, on the type of university training that an oil company would like to see given to those men it recruits. He emphasized the importance of fundamental science and general education, rather than industrial techniques.

Invited addresses were given as follows:

D.H. Lehmer,	"Some aspects of modern computing"
Jean McDonald,	"A problem in astrophysics, programmed for Ferut (the Toronto machine)"
H.S.M. Coxeter,	"The symmetry groups of the regular