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# Lecture Notes in Mathematics

A collection of informal reports and seminars

Edited by A. Dold, Heidelberg and B. Eckmann, Zürich

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## Manifolds – Amsterdam 1970

Proceedings of the Nuffic Summer School on Manifolds  
Amsterdam, August 17-29, 1970

Edited by Nicolaas H. Kuiper

Universiteit van Amsterdam, Amsterdam/Nederland

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## PREFACE

These are the proceedings of the International Summer School on Manifolds organized by the Netherlands Universities Foundation for International Cooperation (NUFFIC), The Hague, and held at the Mathematical Institute of the University of Amsterdam, August 17-29, 1970.

Also included is a set of problems presented by the lecturers and members, and discussed in a special problem session.

The conference was attended by one hundred participants, specialists as well as students, from various countries of the world.

The goal of the summer school was a survey and introduction to the theory of manifolds, a field which is in a tremendous development at present. The speakers, in particular those who gave series of lectures, are most heartily thanked for the great effort they have made to meet this goal in their lectures, as well as in the manuscripts they have sent in.

Finally I thank all persons who have cooperated so intensely to make the summer school and these proceedings a success.

Nicolaas H. Kuiper

Amsterdam, December 1970

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