

Lecture Notes in Mathematics

Edited by A. Dold, B. Eckmann and F. Takens

Subseries: USSR

Adviser: L. D. Faddeev, Leningrad

1453

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Global Analysis –
Studies and Applications IV



Springer-Verlag

Berlin Heidelberg New York London

Paris Tokyo Hong Kong Barcelona

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The articles in this volume are translations of the articles that appeared originally in Russian in the books "Global'nyi analiz i nelineĭnye ūraveniya" and "Topologicheskie i geometricheskie metody analiza" published by Voronezh University Press in 1988 and 1989.

Mathematics Subject Classification (1980): 58-02, (01A70, 58B20, 58C06,
58C27, 58C30, 58D30, 58E07,
58E12, 58F05, 58G11, 58G20,
58G32, 58H15)

ISBN 3-540-53407-5 Springer-Verlag Berlin Heidelberg New York
ISBN 0-387-53407-5 Springer-Verlag New York Berlin Heidelberg

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Printed in Germany

Printing and binding: Druckhaus Beltz, Hemsbach/Bergstr.
2146/3140-543210 – Printed on acid-free paper

PREFACE

This Lecture Notes volume (a sequel to volumes 1108, 1214 and 1334) continues the presentation to English speaking readers of the Voronezh University Press series "Novoe v global'nom analize" (New Developments in Global Analysis). Here we publish the articles selected from two issues of the series entitled "Global Analysis and Nonlinear Equations" (1988) and "Topological and Geometrical Methods of Analysis" (1989). The articles are ordered chronologically. The date of publication in Russian is indicated in the Contents.

Besides the articles devoted to Global Analysis itself we have included a paper dedicated to the memory of A.N.Kolmogorov (who died on Oct. 20, 1987) which is written by his former student V.M.Tikhomirov (professor at Moscow University). This is a tribute to A.N.Kolmogorov's influence on the development of mathematics of the 20th century, in particular on the development of Global Analysis.

We should like to acknowledge the assistance of all the members of the series' editorial board, especially A.T.Fomenko, A.S.Mishchenko, S.P.Novikov, M.M.Postnikov and A.M.Vershik.

Yu.G.Borisovich

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December, 1989

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