Geometry of Geodesics and Related Topics

ADVANCED STUDIES IN PURE MATHEMATICS 3

Chief Editor: H. Morikawa (Nagoya University)

Geometry of Geodesics and Related Topics

Proceedings of a Symposium held at University of Tokyo from November 29 until December 3, 1982

Edited by

K. Shiohama (Tsukuba University)



KINOKUNIYA COMPANY LTD. TOKYO JAPAN



NORTH-HOLLAND PUBLISHING COMPANY AMSTERDAM•NEW YORK•OXFORD © 1984 by Editorial Committee of Advanced Studies in Pure Mathematics

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior permission of the copyright owner.

ISBN: 0 444 87545 X

Publishers

KINOKUNIYA COMPANY LTD. TOKYO JAPAN

* * *

NORTH-HOLLAND PUBLISHING COMPANY AMSTERDAM • NEW YORK • OXFORD

Distributed outside Japan by NORTH-HOLLAND PUBLISHING COMPANY

Advanced Studies in Pure Mathematics 3 Chief Editor H. Morikawa, Nagoya University

Editorial Board to the Series

Y. IHARA (Univ. of Tokyo)

H. MORIKAWA (Nagoya Univ.)

K. Окамото (Hiroshima Univ.) S. IITAKA (Univ. of Tokyo) S. MURAKAMI

(Osaka Univ.)

(Univ. of Tokyo)

I. TAMURA

(Tohoku Univ.)

M. NAGATA

Τ. ΚΟΤΑΚΕ

(Kyoto Univ.) H. TODA

(Kyoto Univ.)

H. MATSUMURA (Nagoya Univ.)

T. OCHIAI (Univ. of Tokyo)

PRINTED IN JAPAN by Tokyo Press Co., Ltd.