Lecture Notes in Computer Science

Edited by G. Goos and J. Hartmanis

46

F. L. Bauer, P. Brinch-Hansen, E. W. Dijkstra, A. Ershov, D. Gries, M. Griffiths, C. A. R. Hoa G. Seegmüller, W. A. Wulf

Language Hierarchies and Interfaces

International Summer School

Edited by F. L. Bauer and K. Samelson

Springer-Verlag
Berlin · Heidelberg · New York 1976

Editors
Prof. Dr. Dr. h. c. Dr. Friedrich L. Bauer
Prof. Dr. Klaus Samelson
Institut für Informatik
der Technischen Universität
Arcisstraße 21
8000 München 2/BRD

Library of Congress Cataloging in Publication Data
Main entry under title:

Language hierarchies and interfaces.

(Lecture notes in computer science ; 46)
"The international summer school took place from July 23 to August 2, 1975, in Marktoberdorf ... and was sponsored by the NATO Scientific Affairs Division under the 1975 Advanced Study Institutes programme."
Includes bibliographical references and index.
1. Electronic digital computers--Programming--Congresses. 2. Programming languages (Electronic computers) --Congresses. I. Bauer, Friedrich Ludwig, 1924- II. Samelson, Klaus, 1918- III. North Atlantic Treaty Organization. Division of Scientific Affairs. IV. Series.
QA76.6.L335 001.6'42 76-54339

AMS Subject Classifications (1970): 68-02, 68A05
CR Subject Classifications (1974): 4.12, 4.20, 4.22, 4.30, 4.31, 4.32, 4.34, 5.24

ISBN 3-540-07994-7 Springer-Verlag Berlin · Heidelberg · New York
ISBN 0-387-07994-7 Springer-Verlag New York · Heidelberg · Berlin

Printed in Germany
Printing and binding: Beltz Offsetdruck, Hemsbach/Bergstr.

PREFACE

The International Summer School took place from July 23 to August 2, 1975, in Marktoberdorf. This Summer School was organized under the auspices of the Technical University Munich, and was sponsored by the NATO Scientific Affairs Division under the 1975 Advanced Study Institutes Programme. Partial support for this conference was provided by the European Research Office and the National Science Foundation.

Contents

INTRODUCTION

CHAPTER 1.: CONCURRENCY

CHAPTER 3.: OPERATING SYSTEMS STRUCTURE