

Integration of Software Specification Techniques for Applications in Engineering

Priority Program SoftSpez of the German Research Foundation (DFG) Final Report

This book constitutes the documentation of the scientific outcome of the priority program Integration of Software Specification Techniques for Applications in Engineering sponsored by the German Research Foundation (DFG). It includes main contributions of the projects of the priority program and of additional international experts in the field. Some of the papers included were presented at the related Third International Workshop on the topic, INT 2004, held in Barcelona, Spain in March 2004. The 25 revised full papers presented together with 6 section introductions by the volume editors were carefully reviewed and selected for inclusion in the book. The papers are organized in topical sections on reference case study production automation, reference case study traffic control systems, petri nets and related approaches in engineering, charts, verification, and integration modeling.

This volume is a documentation of the main results in the research area *Integration of Software Specification Techniques for Applications in Engineering*. On one hand it is based on the Priority Program *Integration von Techniken der Softwarespezifikation für ingenieurwissenschaftliche Anwendungen*, short *SoftSpez*, of the German Research Council (DFG). On the other hand it contains new contributions of international experts in this research area, some of which were presented at the third international workshop INT 2004 on *Integration of Specification Techniques for Applications in Engineering*. INT 2004 was launched as a satellite event of ETAPS in Barcelona, the *European Joint Conferences on Theory and Practice of Software*. The Priority Program *SoftSpez* was initiated by W. Brauer, M. Broy, H. Ehrig, H. J. Kreowski, H. Reichel, and H. Weber concerning different aspects from computer science, and by E. Schnieder and E. Westkämper concerning two main application areas in engineering, namely *Traffic Control Systems* and *Production Automation*. After acceptance of *SoftSpez* by the German Research Council for the period of 1998–2004 a call for specific projects within this priority program was launched, where 11 projects from about 75 project proposals were accepted for a period of two years. Since 1998 each year the main research proposals and results of the projects have been presented at an annual colloquium of the priority program, and every two years the projects have been evaluated by an independent group of referees appointed by the German Research Council. At this point we would like to thank A.



53,49 €

49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783540231356

Medium: Buch

ISBN: 978-3-540-23135-6

Verlag: J.B. Metzler

Erscheinungstermin: 22.09.2004

Sprache(n): Englisch

Auflage: 1. Auflage 2004

Serie: Lecture Notes in Computer Science

Produktform: Kartoniert

Gewicht: 1960 g

Seiten: 630

Format (B x H): 155 x 235 mm

