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Nota di contenuto	Objects, Agents, and Features: An Introduction -- Coordinating Agents in OO -- On Feature Orientation and on Requirements Encapsulation Using Families of Requirements -- Detecting Feature Interactions: How Many Components Do We Need? -- Software Evolution through Dynamic Adaptation of Its OO Design -- Modelling and Analysis of Agents' Goal-Driven Behavior Using Graph Transformation -- Giving

Life to Agent Interactions -- Organising Computation through Dynamic Grouping -- Adding Features to Component-Based Systems -- Components, Features, and Agents in the ABC -- Towards a Formal Specification for the AgentComponent -- Policies: Giving Users Control over Calls -- Agents and Coordination Artifacts for Feature Engineering.

Sommario/riassunto

In recent years, concepts in object-oriented modeling and programming have been extended in several directions, giving rise to new paradigms such as age-orientation and feature-orientation. This volume came out of a Dagstuhl seminar exploring the relationship between the original paradigm and the two new ones. Following the success of the seminar, the idea emerged to edit a volume with contributions from participants – including those who were invited but could not come. The participants' reaction was very positive, and so we, the organizers of the seminar, felt encouraged to edit this volume. All submissions were properly refereed, resulting in the present selection of high-quality papers in between the topics of objects, agents and features. The editors got help from a number of additional reviewers, viz. Peter Ahlbrecht, Daniel Amyot, Lynne Blair, Jan Broersen, Mehdi Dastani, Virginia Dignum, Dimitar Guelev, Benjamin Hirsch, Maik Kollmann, Alice Miller, Stephan Rei?-Marganec, Javier Vazquez-Salceda, and Gerard Vreeswijk. Finally, we would like to take this opportunity to thank all the persons involved in the realization of the seminar and this book: attendees, authors, reviewers, and, last but not least, the staff from Schloss Dagstuhl and Springer-Verlag. February 2004 The Editors

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