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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	On the Influence of Variabilities on the Application-Engineering Process of a Product Family -- Representing Variability in Software Product Lines: A Case Study -- Variation Management for Software Production Lines -- Adopting and Institutionalizing a Product Line Culture -- Establishing a Software Product Line in an Immature Domain -- Critical Factors for a Successful Platform-Based Product Family Approach -- Product Line Architecture and the Separation of Concerns -- Model-Driven Product Line Architectures -- Systematic Integration of Variability into Product Line Architecture Design -- Adaptable Components for Software Product Line Engineering -- Using First-Order Logic for Product Line Model Validation -- Product Line Annotations with UML-F -- Feature Modeling: A Meta-Model to

Enhance Usability and Usefulness -- Feature-Based Product Line Instantiation Using Source-Level Packages -- Feature Interaction and Dependencies: Modeling Features for Reengineering a Legacy Product Line -- Maturity and Evolution in Software Product Lines: Approaches, Artefacts and Organization -- Evolutionary Introduction of Software Product Lines -- Governance Polarities of Internal Product Lines -- Performance Analysis of Component-Based Applications -- Using the Options Analysis for Reengineering (OAR) Method for Mining Components for a Product Line -- Widening the Scope of Software Product Lines — From Variation to Composition -- A Method for Product Line Scoping Based on a Decision-Making Framework -- Using a Marketing and Product Plan as a Key Driver for Product Line Asset Development -- Engineering Software Architectures, Processes and Platforms for System Families - ESAPS Overview.

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## Sommario/riassunto

Software product lines are emerging as an important new paradigm for software development. Product lines are enabling organizations to achieve impressive time-to-market gains and cost reductions. In 1997, we at the Software Engineering Institute (SEI) launched a Product Line Practice Initiative. Our vision was that product line development would be a low-risk, high-return proposition for the entire software engineering community. It was our hope from the beginning that there would eventually be sufficient interest to hold a conference. The First Software Product Line Conference (SPLC1) was the realization of that hope. Since SPLC1, we have seen a growing interest in software product lines. Companies are launching their own software product line initiatives, product line technical and business practices are maturing, product line tool vendors are emerging, and books on product lines are being published. Motivated by the enthusiastic response to SPLC1 and the increasing number of software product lines and product line researchers and practitioners, the SEI is proud to sponsor this second conference dedicated to software product lines. We were gratified by the submissions to SPLC2 from all parts of the globe, from government and commercial organizations. From these submissions we were able to assemble a rich and varied conference program with unique opportunities for software product line novices, experts, and those in between. This collection represents the papers selected from that response and includes research and experience reports.

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