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Nota di contenuto	Product Line Context -- Context-Dependent Product Line Practice for Constructing Reliable Embedded Systems -- Configuring Software Product Line Feature Models Based on Stakeholders' Soft and Hard Requirements -- Usage Context as Key Driver for Feature Selection -- Formal Approaches -- A Flexible Approach for Generating Product-Specific Documents in Product Lines -- Formal Definition of Syntax and Semantics for Documenting Variability in Activity Diagrams -- Delta-Oriented Programming of Software Product Lines -- Experience Papers -- Architecting Automotive Product Lines: Industrial Practice -- Developing a Software Product Line for Train Control: A Case Study of CVL -- Dealing with Cost Estimation in Software Product Lines: Experiences and Future Directions -- Variability Management -- Evolution of the Linux Kernel Variability Model -- Variability Modeling for Distributed Development -- A Comparison with Established Practice -- Variability Management in Software Product Lines: An Investigation of Contemporary Industrial Challenges -- Product Validation 1 -- Consistent Product Line Configuration across File Type and Product

Line Boundaries -- Automated Incremental Pairwise Testing of Software Product Lines -- Linking Feature Models to Code Artifacts Using Executable Acceptance Tests -- Product Validation 2 -- Avoiding Redundant Testing in Application Engineering -- Improving the Testing and Testability of Software Product Lines -- Architecture-Based Unit Testing of the Flight Software Product Line -- Feature Modeling -- Sans Constraints? Feature Diagrams vs. Feature Models -- Mapping Extended Feature Models to Constraint Logic Programming over Finite Domains -- Stratified Analytic Hierarchy Process: Prioritization and Selection of Software Features -- Examples of Product Lines -- Streamlining Domain Analysis for Digital Games Product Lines -- Designing and Prototyping Dynamic Software Product Lines: Techniques and Guidelines -- A Software Product Line for the Mobile and Context-Aware Applications Domain -- MDA and Business Context -- Using MDA for Integration of Heterogeneous Components in Software Supply Chains -- Mapping Features to Reusable Components: A Problem Frames-Based Approach -- Eliciting and Capturing Business Goals to Inform a Product Line's Business Case and Architecture -- Aligning Business and Technical Strategies for Software Product Lines -- Short Papers -- Non-clausal Encoding of Feature Diagram for Automated Diagnosis -- A Method to Identify Feature Constraints Based on Feature Selections Mining -- Software Product Line Engineering for Long-Lived, Sustainable Systems -- An Approach to Efficient Product Configuration in Software Product Lines -- A Hybrid Approach to Feature-Oriented Programming in XVCL -- An Approach for Developing Component-Based Groupware Product Lines Using the Groupware Workbench -- Towards Consistent Evolution of Feature Models -- SOPLE-DE: An Approach to Design Service-Oriented Product Line Architectures -- Multidimensional Classification Approach for Defining Product Line Engineering Transition Strategies -- MARTE Mechanisms to Model Variability When Analyzing Embedded Software Product Lines -- The UML «extend» Relationship as Support for Software Variability -- Feature Diagrams as Package Dependencies -- Visualizing and Analyzing Software Variability with Bar Diagrams and Occurrence Matrices -- Recent Experiences with Software Product Lines in the US Department of Defense -- Posters -- Leviathan: SPL Support on Filesystem Level -- Introducing a Conceptual Model of Software Production -- Product Line Engineering in Enterprise Applications -- Case Study of Software Product Line Engineering in Insurance Product -- Using Composition Connectors to Support Software Asset Development -- Feature-to-Code Mapping in Two Large Product Lines -- Panel Overviews -- The Rise and Fall of Product Line Architectures -- The Many Paths to Quality Core Assets -- Tutorial Overviews -- Pragmatic Strategies for Variability Management in Product Lines in Small- to Medium-Size Companies -- Building Reusable Testing Assets for a Software Product Line -- Production Planning in a Software Product Line Organization -- Transforming Legacy Systems into Software Product Lines -- Systems and Software Product Line Engineering with the SPL Lifecycle Framework -- Managing Requirements in Product Lines -- Evolutionary Product Line Scoping -- Leveraging Model Driven Engineering in Software Product Line Architectures -- to Software Product Lines Adoption -- to Software Product Lines -- Workshop Overviews -- 4th International Workshop on Dynamic Software Product Lines (DSPL 2010) -- 1st International Workshop on Product-Line Engineering for Enterprise Resource Planning (ERP) Systems (PLEERPS 2010) -- 2nd International Workshop on Model-Driven Approaches in Software Product Line Engineering (MAPLE 2010) -- 1st International Workshop on Formal Methods in

Software Product Line Engineering (FMSPLE 2010) -- 3rd International Workshop on Visualisation in Software Product Line Engineering (VISPLE 2010) -- 4th Workshop on Assessment of Contemporary Modularization Techniques (ACOM 2010) -- 2nd Workshop on Scalable Modeling Techniques for Software Product Lines (SCALE 2010).

Sommario/riassunto

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