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Titolo	Human Centered Software Product Lines / / edited by Jean-Sébastien Sottet, Alfonso García Frey, Jean Vanderdonckt
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Descrizione fisica	1 online resource (VIII, 152 p. 53 illus., 46 illus. in color.)
Collana	Human–Computer Interaction Series, , 1571-5035
Disciplina	005.437
Soggetti	User interfaces (Computer systems) Software engineering User Interfaces and Human Computer Interaction Software Engineering
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Nota di contenuto	Engineering Configuration Graphical User Interfaces from Variability Models -- User Interfaces and Dynamic Software Product Lines -- Variability Management and Assessment for User Interface Design -- Feature-based Elicitation of Cognitively Efficient Visualizations for SPL Configurations -- Addressing Context-Awareness in User Interface Software Product Lines (UI-SPL) Approaches.
Sommario/riassunto	This book takes a unique HCI approach to the concept of Software Product Line (SPL) and discusses the peculiarities of human-computer interaction not usually addressed in more traditional approaches. SPL is based on industrial practices for defining a range of software products. SPL design identifies commonalities and differences between the various software versions, modelling and managing the software variability. Recent research has focused on reconciling the different viewpoints of SPL and HCI, and in particular emphasizing the specific variability of HCI and the management of complex SPL models that could benefit from HCI in terms of representation, manipulation and visualization. This edited volume includes research that addresses the SPL for HCI and HCI for SPL. In putting together these two research streams, the groundwork is laid for future research into this important area. Both the HCI and the software engineering communities will find

this book an invaluable resource.