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Nota di contenuto	Calculi for Service-Oriented Computing -- Service Interaction: Patterns, Formalization, and Analysis -- Synthesis and Composition of Web Services -- Fundamentals of Session Types -- Asynchronous Session Types: Exceptions and Multiparty Interactions -- Contract-Based Discovery and Adaptation of Web Services -- Contract-Based Discovery and Composition of Web Services -- Quantitative Analysis of Web Services Using SRMC.
Sommario/riassunto	This book presents a set of 8 papers accompanying the lectures of leading researchers given at the 9th edition of the International School on Formal Methods for the Design of Computer, Communication and Software Systems, SFM 2009, held in Bertinoro, Italy, in June 2009. SFM 2009 was devoted to formal methods for web services and covered several aspects including choreography, orchestration, description techniques, interaction, synthesis, composition, session types, contracts, verification, security, and performance.