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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Characteristics and state of the art -- Medical robotics in the service of the patient -- Sensors and pre-operative image registration -- Augmented reality -- Design of medical robots -- Vision-based control -- Interaction modeling and force control -- Telemanipulation -- Comanipulation -- Towards an intracorporeal robot.
Sommario/riassunto	In this book, we present medical robotics, its evolution over the last 30 years in terms of architecture, design and control, and the main scientific and clinical contributions to the field. For more than two decades, robots have been part of hospitals and have progressively become a common tool for the clinician. Because this domain has now reached a certain level of maturity it seems important and useful to provide a state of the scientific, technological and clinical achievements and still open issues. This book describes the short history of the domain, its specificity and constraint

