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Nota di contenuto	Introduction and history of robotics in neurosurgery -- Robotics in cerebrovascular and endovascular neurosurgery -- Robotics in stereotactic neurosurgery -- Robotics in neuro-endoscopy -- Robotics in spinal neurosurgery -- Nanorobots in neurosurgery -- IoT and AI in the neurosurgical operating theater -- Surgeon supporting robot -- Virtual reality and simulation in neurosurgical training with robots -- Future directions for robotics in neurosurgery.
Sommario/riassunto	This book presents a basic introduction of the role of robotics in neurological surgery in a systematic organized manner. The work provides thorough explanations of the history, types, uses, application, current practice, and future directions of robotics in each division of the field of neurosurgery. The book is written in clear understandable

language, making it suitable for medical students, interns, residents, specialists, consultants, and professors.