1. Record Nr. UNINA9910788125303321 Autore Truitt Elly Rachel Titolo Medieval robots: mechanism, magic, nature, and art // E. R. Truitt Pubbl/distr/stampa Philadelphia, Pennsylvania:,: University of Pennsylvania Press,, 2015 ©2015 **ISBN** 0-8122-2357-8 Descrizione fisica 1 online resource (296 p.) Collana Middle Ages Series Disciplina 629.8 Soggetti Machine theory - History - To 1500 Mechanical toys - History - To 1500 Mechanical engineering - History - To 1500 Civilization, Medieval Nature and civilization - History - To 1500 Magic - History - To 1500 Imagination - History - To 1500 Robots - History - To 1500 Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Front matter -- Contents -- Abbreviations -- Introduction. The Persistence of Robots: An Archaeology of Automata -- Chapter 1. Rare Devices: Geography and Technology -- Chapter 2. Between Art and Nature: Natura artifex, Neoplatonism, and Literary Automata --Chapter 3. Talking Heads: Astral Science, Divination, and Legends of Medieval Philosophers -- Chapter 4. The Quick and the Dead: Corpses. Memorial Statues, and Automata -- Chapter 5. From Texts to Technology: Mechanical Marvels in Courtly and Public Pageantry --Chapter 6. The Clockwork Universe: Keeping Sacred and Secular Time -- Notes -- Bibliography -- Index -- Acknowledgments A thousand years before Isaac Asimov set down his Three Laws of Sommario/riassunto Robotics, real and imagined automata appeared in European courts, liturgies, and literary texts. Medieval robots took such forms as talking statues, mechanical animals, and silent metal quardians; some served

to entertain or instruct while others performed disciplinary or

surveillance functions. Variously ascribed to artisanal genius, inexplicable cosmic forces, or demonic powers, these marvelous fabrications raised fundamental questions about knowledge, nature, and divine purpose in the Middle Ages. Medieval Robots recovers the forgotten history of fantastical, aspirational, and terrifying machines that captivated Europe in imagination and reality between the ninth and fourteenth centuries. E. R. Truitt traces the different forms of selfmoving or self-sustaining manufactured objects from their earliest appearances in the Latin West through centuries of mechanical and literary invention. Chronicled in romances and song as well as histories and encyclopedias, medieval automata were powerful cultural objects that probed the limits of natural philosophy, illuminated and challenged definitions of life and death, and epitomized the transformative and threatening potential of foreign knowledge and culture. This original and wide-ranging study reveals the convergence of science, technology, and imagination in medieval culture and demonstrates the striking similarities between medieval and modern robotic and cybernetic visions.