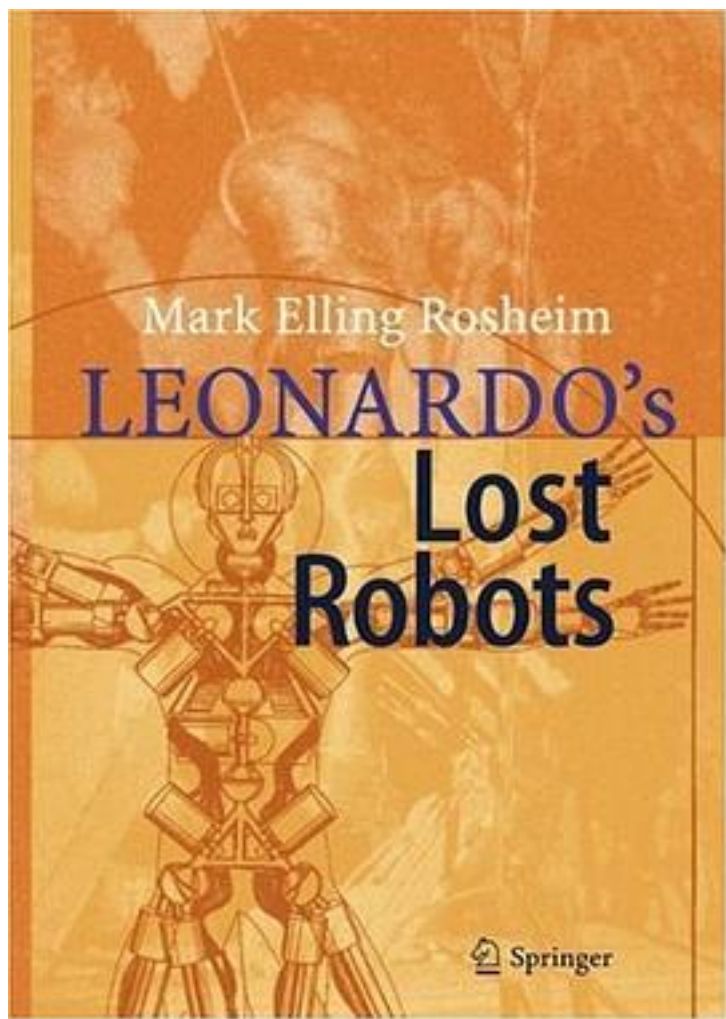


Leonardo's Lost Robots



[Leonardo's Lost Robots 下载链接1](#)

著者:Mark Elling Rosheim

出版者:Springer

出版时间:2006-06-10

装帧:Hardcover

isbn:9783540284406

Leonardo's Lost Robots reinterprets Leonardo da Vinci (TM)'s mechanical design

work, revealing a new level of sophistication not recognized by art historians or engineers. By identifying his major technological projects, the book revisits Leonardo's legacy of notebooks, showing that apparently unconnected fragments from dispersed manuscripts actually comprise cohesive designs for functioning automata. Using the rough sketches scattered throughout almost all of Leonardo's papers, Rosheim has reconstructed Leonardo's programmable cart, which was the platform for other automata: a Robot Lion, a Robot Knight, and a hydraulically powered automaton for striking a bell. Through a readable, lively narrative, Mark Rosheim recounts his adventures rediscovering and reconstructing da Vinci's designs. In a foreword, the world-renowned Leonardo scholar Carlo Pedretti details the significance of these reconstructions for our understanding of Leonardo's oeuvre. Mark Rosheim attended the University of Minnesota, studying mechanical engineering. He has developed robotic technologies for NASA, the Department of Defense, and the Department of Energy, and is the founder and president of Ross-Hime Designs, Inc., a Minneapolis, Minnesota-based mechanical design company. He holds over 20 patents in robot technology, and has published and lectured extensively around the world on the topic of robot technology and history. His quest to understand the mechanical principles of human motion and dexterity led him to investigate the anatomical and mechanical drawings of Leonardo da Vinci. Utilizing a new approach, he began to reconnect the tell-tale fragments into a cohesive whole. His resulting work has attracted attention worldwide, including articles in the New York Times, U.S. News and World Report, and Wired, and has been the subject of news features and films on several Italian television stations, the BBC, PBS and the History Channel.

作者介绍:

目录:

[Leonardo's Lost Robots_ 下载链接1](#)

标签

艺术

科幻

机器人

评论

刚学三维建模时，我就尝试通过达芬奇的手稿图片还原他的自转车。没有想出关键部位的驱动到底是如何配合起来的。为了解更多的机构细节，第一次翻墙，就为了看油管上的实物制造视频。所以读到这本书后对作者简直羡慕加佩服。

[Leonardo's Lost Robots_下载链接1_](#)

书评

[Leonardo's Lost Robots_下载链接1_](#)