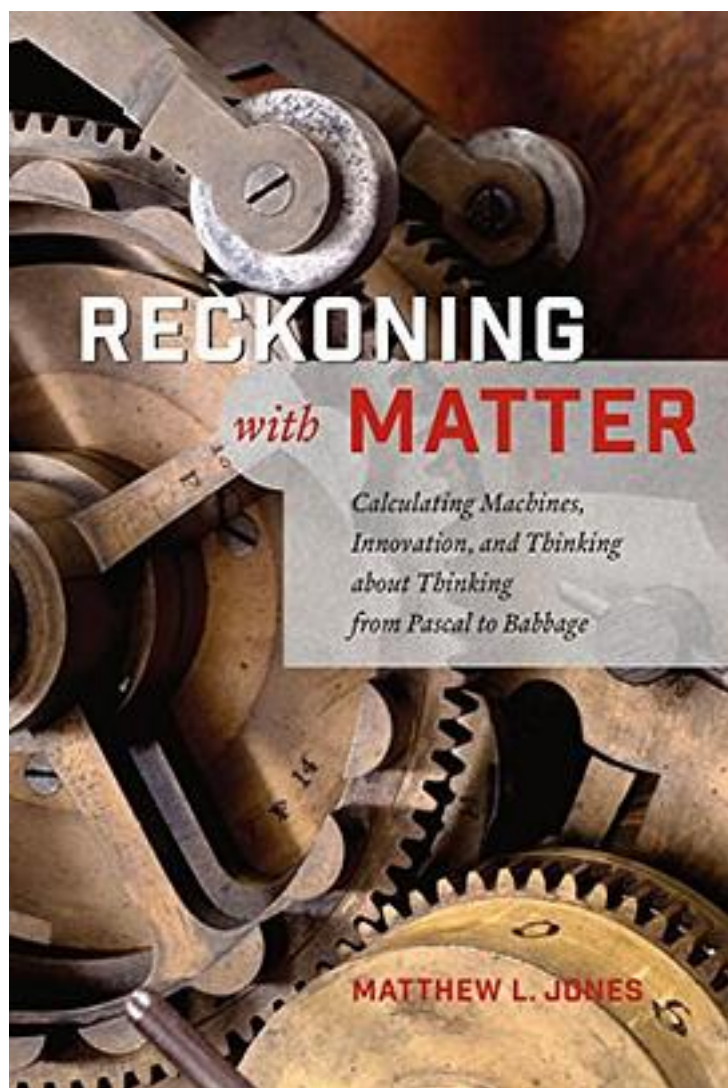


# Reckoning with Matter



[Reckoning with Matter\\_ 下载链接1](#)

著者:Matthew L. Jones

出版者:University Of Chicago Press

出版时间:2016-11-29

装帧:Hardcover

isbn:9780226411460

From Blaise Pascal in the 1600s to Charles Babbage in the first half of the nineteenth century, inventors struggled to create the first calculating machines. All failed—but that does not mean we cannot learn from the trail of ideas, correspondence, machines, and arguments they left behind.

In *Reckoning with Matter*, Matthew L. Jones draws on the remarkably extensive and well-preserved records of the quest to explore the concrete processes involved in imagining, elaborating, testing, and building calculating machines. He explores the writings of philosophers, engineers, and craftspeople, showing how they thought about technical novelty, their distinctive areas of expertise, and ways they could coordinate their efforts. In doing so, Jones argues that the conceptions of creativity and making they exhibited are often more incisive—and more honest—than those that dominate our current legal, political, and aesthetic culture.

作者介绍:

Matthew L. Jones is the James R. Barker Professor of Contemporary Civilization in the Department of History at Columbia University and the author of *The Good Life in the Scientific Revolution*, also published by the University of Chicago Press.

目录: Introduction

- 1 Carrying Tens: Pascal, Morland, and the Challenge of Machine Calculation
- First Carry Babbage and Clement Mechanize Table Making
- 2 Artisans and Their Philosophers: Leibniz and Hooke Coordinate Minds, Metal, and Wood
- Second Carry Babbage Gets Funded
- 3 Improvement for Profit: Calculating Machines and the Prehistory of Intellectual Property
- Third Carry Babbage Claims His Property
- 4 Reinventing the Wheel: Emulation in the European Enlightenment
- Fourth Carry Babbage Confronts Prior Art
- 5 Teething Problems: Charles Stanhope and the Coordination of Technical Knowledge from Geneva to Kent
- Fifth Carry Babbage's Collaborators Emulate
- 6 Calculating Machines, Creativity, and Humility from Leibniz to Turing
- Final Carry Epilogue
- Acknowledgments
- Conventions
- Abbreviations
- Notes
- References
- Index
- . . . . . [\(收起\)](#)

[Reckoning with Matter\\_ 下载链接1](#)

标签

科学史

技术批判

媒介史

信息史

STS

MaterialCulture

Artisans

评论

-----  
[Reckoning with Matter\\_ 下载链接1](#)

书评

-----  
[Reckoning with Matter\\_ 下载链接1](#)