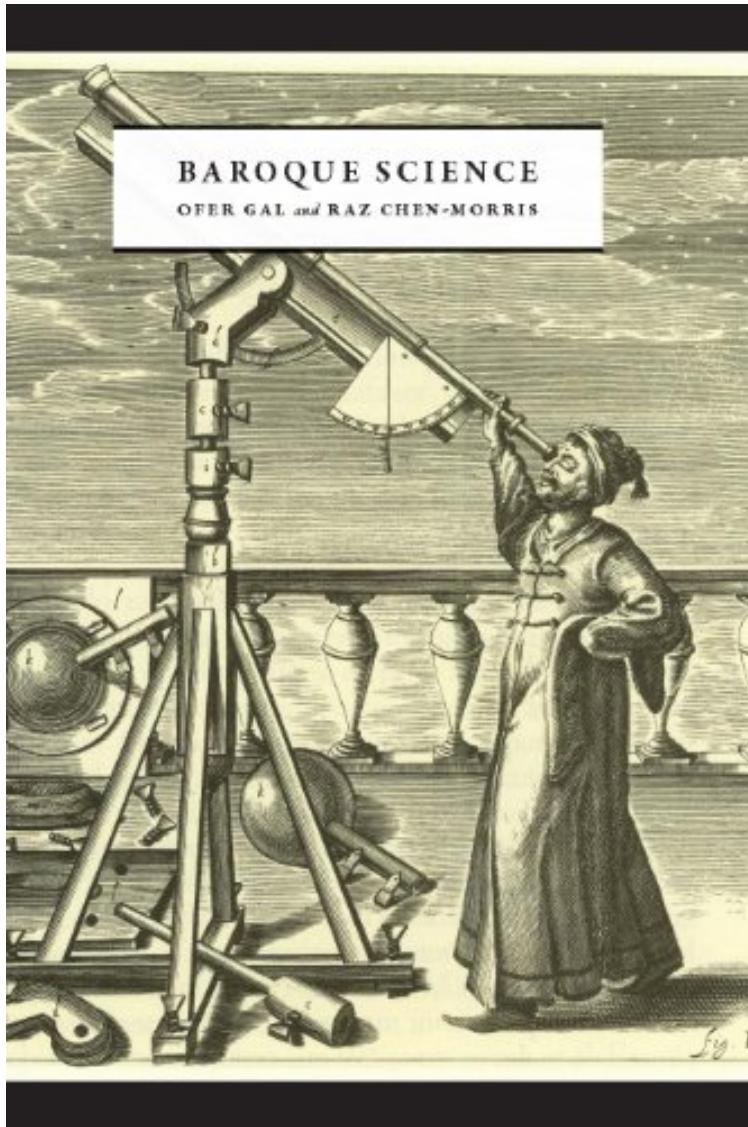


Baroque Science

Ofer Gal, Raz Chen-Morris
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Ofer Gal, Raz Chen-Morris : Baroque Science before purchasing it in order to gage whether or not it would be worth my time, and all praised Baroque Science:

3 of 3 people found the following review helpful. FascinatingBy BenBaroque science is a baroque style text: both in its purity and in its complexity. The way its authors Raz Chen-Morris and Ofer Gal display the seventeenth century paradigms creates an exciting story of inspiration, innovation and scientific courage. "Truth" gets a complex appearance, its validity becomes interdisciplinary, richer and vibrant. The ways science establishes itself illuminates human epistemology and creates a live picture of an era that transformed our culture, enlarged our cosmos and opened our eyes. Baroque Culture is a beautiful text, full of knowledge and data, clear and friendly and extremely fascinating.

In Baroque Science, Ofer Gal and Raz Chen-Morris present a radically new perspective on the scientific revolution of the seventeenth century. Instead of celebrating the triumph of reason and rationality, they study the paradoxes and anxieties that stemmed from the New Science and the intellectual compromises that shaped it and enabled its spectacular success. Gal and Chen-Morris show how the protagonists of the new mathematical natural philosophy grasped at the very far and very small by entrusting observation to the mediation of artificial instruments, and how they justified this mediation by naturalizing and denigrating the human senses. They show how the physical-mathematical ordering of heavens and earth demanded obscure and spurious mathematical procedures, replacing the divine harmonies of the late Renaissance with an assemblage of isolated, contingent laws and approximated constants. Finally, they show how the new savants, forced to contend that reason is hopelessly estranged from its surrounding world and that nature is irreducibly complex, turned to the passions to provide an alternative, naturalized foundation for their epistemology and ethics. Enforcing order in the face of threatening chaos, blurring the boundaries of the natural and the artificial, and mobilizing the passions in the service of objective knowledge, the New Science, Gal and Chen-Morris reveal, is a Baroque phenomenon: deeply entrenched in and crucially formative of the culture of its time.