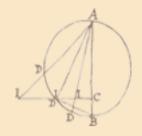
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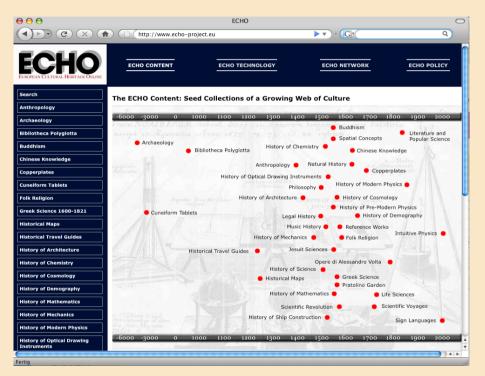
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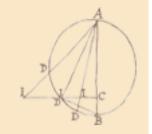


Ausgangspunkt

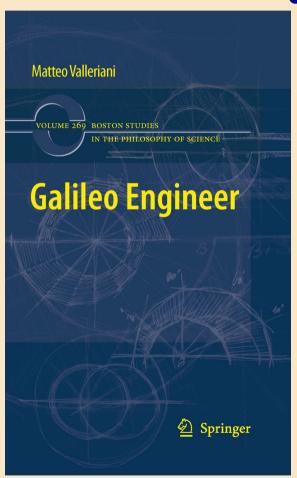


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- Digitalisierte Quellensammlungen (ECHO – Cultural Heritage Online)
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- "Digital Humanities"
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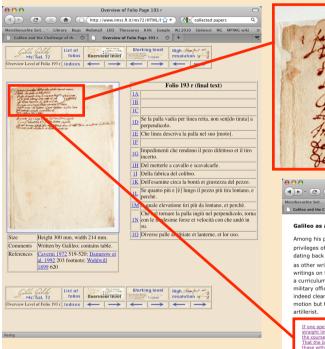


- Buchpublikation als zentrales Projektziel
- Erfahrungen:
 - schwindende editorische Unterstützung
 - Investition in eigenen Kompetenzaufbau
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 - Formatbeschränkungen
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 - hohe Hürden für Open Access
 - Verlust von Kontext

Buchumschlag von Matteo Valleriani, *Galileo Engineer*, 2010

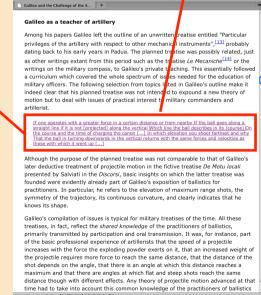


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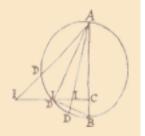
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Der moderne Weg: online Veröffentlichung mit direktem Zugang zu Forschungsumgebungen

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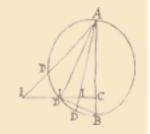


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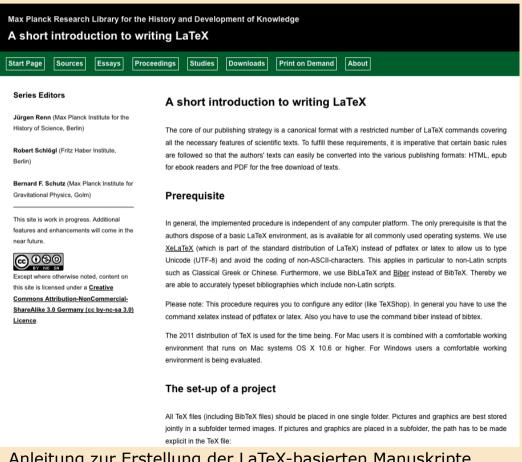


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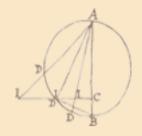
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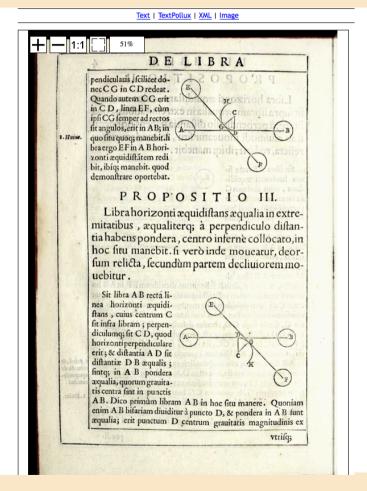
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3.5 The chapter De Vecte

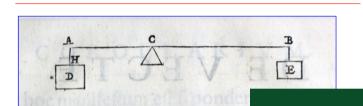


Figure 3.3: The lever (vecte) with a weight D (pondus) hanging down from AH. The weight is compensated by a force E (potentia) acting at point E

From a modern point of view there is no substantial difference between that is, a steelyard (statera), and a lever. Guidobaldo, however, treats it added the balance to the five simple machines of Heron as a sixth one, initial chapter before dealing with the lever in the following chapter.²³

The reason may be that he followed the theoretical program promoted Mechanica which, as has been mentioned before, was well known and fill 16th and 17th centuries. ²⁴ According to this treatise, the function of me be explained, is to reduce the required forces: (#)

When, then, we have to produce an effect contrary to nature, we difficulty, and require skill (technê,τέχνη). Therefore we call that difficulties, a device (mêchanê,μηχανή). For as the poet Antipho gain mastery over things in which we are conquered by nature." the less master the greater, and things possessing little weight me similar devices which we term mechanical problems. (#)

According to the Aristotelian program, this functioning of mechanical de the functioning of the lever which itself has to be traced back to the futurn is explained by the miraculous properties of the circle: (#)

... there is nothing strange in the circle being the first of all mar depend upon the circle, and those about the lever upon the bala problems of mechanical movement can depend upon the lever.²⁶

Thus, by putting his own chapter on the balance in front of his chapters Guidobaldo simply merges the theoretical programs of Heron and of the treatise, who may or may not have been Aristotle himself. (#)

Guidobaldo del Monte's Mechanicorum Liber

Jürgen Renn and Peter Damerow



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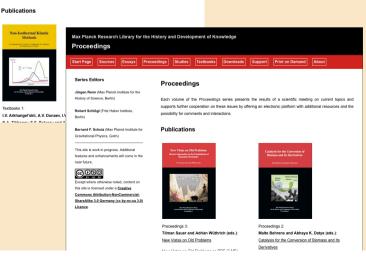
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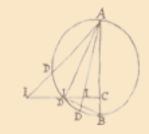
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Danke für die Aufmerksamkeit!

Simone Rieger

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