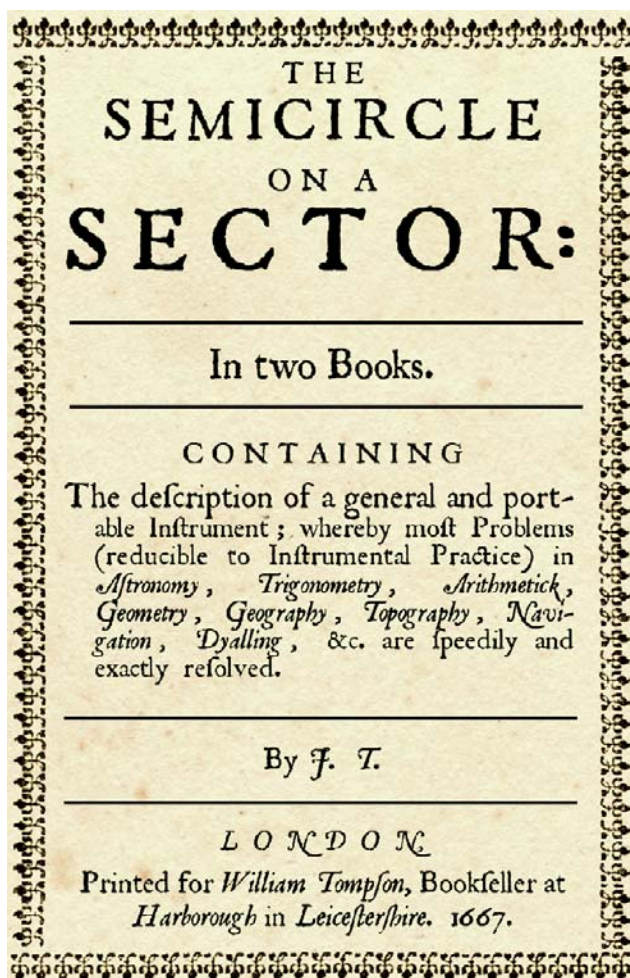


# JOHN TWYSDEN, THE SEMICIRCLE ON A SECTOR

London 1667



“THE SEMICIRCLE ON A SECTOR” is a book in two sections, with Section 2 on Dialling. It contains:

THE  
SEMICIRCLE  
ON A  
SECTOR  
LIB. I.  
ΣΚΙΟΓΡΑΦΙΑ.  
OR,  
The Art of Dyalling for any plain  
Superfices.  
LIB. II.  
CHAP. I.  
*The distinction of Plains, with Rules for know-  
ing of them.*  
CHAP. II.  
*The affections of all sorts of Plains.*  
Sect. 1.  
*The affections of an horizontal Plain.*

Sect. 2.  
*The affections of erect, direct South and North  
Plains.*  
Sect. 3.  
*The affections of erect, direct East and West  
Plains.*  
Sect. 4.  
*The affections of erect declining Plains.*  
Sect. 5.  
*The affections of direct reclining/inclining Plains.*  
Sect. 6.  
*The affections of declining reclining/inclining Plains.*  
CHAP. III.  
*The delineation of Dials for any plain Superfices.*  
Sect. 1.  
*To delineate an horizontal Dial.*  
Sect. 2.  
*To describe an erect, direct South Dial.*  
Sect. 3.  
*To describe an erect, direct East Dial.*  
Sect. 4.  
*To describe an erect declining Dial, having a  
Center.*  
Sect. 5.  
*To describe an erect declining Plain without a  
Center.*  
Sect. 6.  
*To describe a direct polar Dial.*  
Sect. 7.  
*To draw a declining Polar.*  
CHAP. IV.  
*To determine what hour lines are proper for any  
plain Superfices. By projection of the Sphere.*  
Sect. 1.  
*To determine the hour lines for erect direct plains.*  
Sect. 2.  
*To determine the hour lines for direct reclining/inclining  
Plains.*  
Sect. 3.  
*To determine the hour lines for erect declining  
plains.*  
Sect. 4.  
*To determine the hours of declining reclining/inclining  
Plains.*  
FINIS.

---

Number of Pages: 150. Book 2 with 41 pages of Dialling.

Illustrations: 18 of which 10 are in Book 2.

---