JOHN POTTER, A SYSTEM OF PRACTICAL MATHEMATICS

London 1757 (Second Edition)



"A SYSTEM OF Practical Mathematics" is a book with a section on Dialling. This section is identical to that of Nathaniel Hammond in his book The Elements of Algebra, already illustrated. It contains these sections:

Of DIALLING.

To calculate an Horizontal Dial for the Latitude of 51°.32'.

To make an erect direct South Dial for the Lat. of 51°.32'.

Of East and West Dials.

To calculate the Distances of the Hour-Lines from the Six o'Clock Line for direct East or West Dials.

To draw an East Dial for the Latitude of 51°.32'.

Of Declining Dials.

To find the Declination of any Plane.

To find the Height of the Style, or Elevation of the Pole above the Plane.



A Horizontal Dial

To find the Angle of the Substyle with the Meridian.

To find the Plane's Difference of Longitude.

To draw a Dial for the Latitude of 51°.32' on a Plane declining from the South Westward 72°.26'.

To draw the Dial geometrically.

Of Reclining and Inclining Dials.

To take the Reclination of a Plane.

To make a direct South Dial for a Plane reclining 10°.56' in the Latitude of 51°.32'.

To make a direct South Dial reclining 79°.34' *for the Latitude of* 51°.32'.

A Polar Dial for the Latitude of 51°.32'.

To draw an Æquinoctial Dial.

Of East and West Reclining Dials.

Of an East Plane in the Latitude of 51°.32' reclining 19°.49'.

Of Inclining Planes.

Followed by:

An Account of the Gregorian or New Style, settled by Act of Parliament; the Method of finding the Epact, Moon's Age, Tides &c.