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## **Reflection of Iohannes Šindel's eclipse instrument in Iohannes Schöner's 'Opera mathematica'**

MASTER OF THE PRAGUE UNIVERSITY Iohannes Andreae dictus Schindel (John Andrew's called Šindel, 1375–1455/1457) is known as an astronomical advisor of the construction of Prague Astronomical Clock (1410). He is also known as author of several astronomical treatises. One of the most important is his text "Canones pro eclipsibus Solis et Lune per instrumentum ad hoc factum inveniendis Magistri Iohannis Schindel" ("The rules for a calculation of Sun's and Moon's eclipses using the instrument invented by John Šindel") which describes Šindel's instrument derived from the albion by Richard of Wallingford (c. 1292–1335). Albion was also dealt with by Šindel's Vienna colleague Iohannes von Gmunden (1380–1442). The description of Šindel's instrument appears also in Iohannes Schöner's (1477–1547) book "Opera mathematica" (Nürnberg 1551, 1561), this is more than a century after Šindel. Several passages of Schöner's text are verbally identical with Šindel's treatise. Moreover, "Opera mathematica" involves woodcuts of the instrument which correspond exactly with Schindel's explanation. The only three preserved manuscripts with Šindel's treatise, which we prepare for publication, lack any drawing. Schöner's evidence of the eclipse instrument design is thus valuable for better understanding of Šindel's words.

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