

Class Eleven Readings

Assigned

- Cohen, Bernard. Excerpt from *The Nature and Growth of the Physical Sciences*, 334-8. Doubleday, 1960.
- Flamsteed, John. "Preface." In *Historia Coelestis Britannica*, 103-40. London: J Mathews, 1712.
- Huygens, Christiaan. Excerpt from *Treatise on Light*, as excerpted in *The Scientific Background to Modern Philosophy*, 128-32. Indianapolis: Hackett, 1989.
- Van Helden, Albert. "The Micrometer from Huygens to Flamsteed." In *Measuring the Universe: Cosmic Dimensions from Aristarchus to Halley*, 118-51. Chicago: University of Chicago Press, 1985.
- Wilson, Curtis. "From Kepler's Laws, So-Called, to Universal Gravitation: Empirical Factors." *Archive for History of Exact Sciences* 6, no. 2 (1970): 89-170.

Supplemental

- Bennet, J. A. "Magnetic Philosophy and Astronomy from Wilkins to Hooke." *Cambridge History of Astronomy*.
- Cohen, I. B. "Roemer and the First Determination of the Velocity of Light." *Isis* 31, no. 2 (1940): 327-79.
- Forbes, Eric G. "Introduction." In *Greenwich Observatory*, 1-24. Taylor & Francis, 1975.
- Heilbron, John. "A New Oracle of Apollo." In *The Sun in the Church: Cathedrals as Solar Observatories*, 82-143. Cambridge: Harvard University Press, 2001.
- Hooke, Robert. *An Attempt to Prove the Motion of the Earth from Observations*. London: John Martyn, 1674.
- Hooke, Robert. *Cometa, or, Remarks About Comets*. London: John Martyn, 1678.
- Koyré, Alexandre. "J. A. Borelli and Celestial Mechanics." In *The Astronomical Revolution: Copernicus, Kepler, Borelli*, 465-527. Routledge, 2008.
- Wilson, Curtis. "Predictive Astronomy in the Century After Kepler." *Cambridge History of Astronomy*.