



Pouillet (Claude Servais Mathias) - Elements Of Experimental Physics And Meteorology. 1827.

280 EUR



Signature : **POUILLET** (Claude Servais Mathias) , ouvrage publié à Paris, Chez Bechet, en 1827 et dans une reliure d'époque.

Period : 19th century

Condition : Très bon état

Material : Mahogany

Length : 4 volumes in-8 environ 2 kilos.

Description

POUILLET (Claude Servais Mathias) - Elements of experimental physics and meteorology. Paris, Chez Bechet Jeune, 1827; in-8, VIII-782 + 853 pp., period bindings in red half calfskin, smooth decorated and mosaic spines, marbled edges. The 4 volumes. Claude Servais Mathias Pouillet, born in Cusance (Doubs) in 1790 and died in Paris in 1868, was a French physicist and politician. Elected to the Academy of Sciences in 1837, he became deputy of the Jura. Between 1837 and 1838, thanks to the invention of the pyrheliometer, he made the first quantitative measurements of the heat emitted by the sun. His main works relate to the compressibility of gases and especially to the experimental laws relating to the intensity of the electric current in a closed circuit. In 1825, he invented the tangent compass

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to be able to measure powerful currents. He was also able to clarify the notion of electrical resistance and show that generators are composed of a pure electromotive force and an internal resistance. We owe him Pouillet's law, deduced experimentally. Beautiful condition.