



Pierre-Simon Laplace: Great Astronomers (Paperback)

By Robert Stawell Ball

Diamond Publishers, 2017. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Pierre-Simon, marquis de Laplace (23 March 1749 - 5 March 1827) was an influential French scholar whose work was important to the development of mathematics, statistics, physics and astronomy. He summarized and extended the work of his predecessors in his five-volume *Mecanique Celeste* (Celestial Mechanics) (1799-1825). This work translated the geometric study of classical mechanics to one based on calculus, opening up a broader range of problems. In statistics, the Bayesian interpretation of probability was developed mainly by Laplace. Laplace formulated Laplace's equation, and pioneered the Laplace transform which appears in many branches of mathematical physics, a field that he took a leading role in forming. The Laplacian differential operator, widely used in mathematics, is also named after him. He restated and developed the nebular hypothesis of the origin of the Solar System and was one of the first scientists to postulate the existence of black holes and the notion of gravitational collapse. Laplace is remembered as one of the greatest scientists of all time. Sometimes referred to as the French Newton or Newton of France, he has been described as possessing...



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