



# Landmark writings in Western mathematics 1640-1940 /

Grattan-Guinness, I.

Cooke, Roger (1942-)

Elsevier, 2005

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Monografía

This book contains around 80 articles on major writings in mathematics published between 1640 and 1940. All aspects of mathematics are covered: pure and applied, probability and statistics, foundations and philosophy. Sometimes two writings from the same period and the same subject are taken together. The biography of the author(s) is recorded, and the circumstances of the preparation of the writing are given. When the writing is of some lengths an analytical table of its contents is supplied. The contents of the writing is reviewed, and its impact described, at least for the immediate decades. Each article ends with a bibliography of primary and secondary items. First book of its kind Covers the period 1640-1940 of massive development in mathematics Describes many of the main writings of mathematics Articles written by specialists in their field

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**Título:** Landmark writings in Western mathematics 1640-1940 edited by I. Grattan-Guinness ; editorial board: Roger Cooke [and others]

**Edición:** 1st ed

**Editorial:** Amsterdam Boston Elsevier 2005

**Descripción física:** 1 recurso en línea (xvii, 1022 pages illustrations)

**Mención de serie:** ScienceDirect All Books. Elsevier

**Nota general:** Title from e-book title screen (viewed Oct. 15, 2007)

**Bibliografía:** Includes bibliographical references and index

**Contenido:** A selection of contents: -- 1649 Ren Descartes, Geometria (Michel Serfati) -- 1684 G.W. Leibniz, first two calculus papers (Silvia Roero) -- 1687 Isaac Newton, Principia mathematica (Niccolo' Guicciardini) -- 1713 James Bernoulli, De arte conjectandi (Ivo Schneider) -- 1738 Daniel Bernoulli, Hydrodynamica (Gleb Mikhaliov) -- 1743 Jean le Rond d'Alembert, Trait de dynamique (Helmut Pulte) -- 1748 Leonhard Euler, Introductio ad analysin infinitorum (Karin Reich) -- 1755 Leonhard Euler, Differentialis (Sergei Demidov) -- 1763 Thomas Bayes and Richard Price, paper on probability theory (Andrew Dale) -- 1788 J.L. Lagrange, Mécanique analytique (Helmut Pulte) -- 1799-1805 P.S. Laplace, Exposition du système du monde, second edition, and Mécanique céleste (I.

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**Detalles del sistema:** Modo de acceso: World Wide Web

**ISBN:** 0080457444 electronic bk.) 9780080457444 electronic bk.) 0444508716 Cloth)

**Materia:** Mathematics- History Mathématiques- Histoire MATHEMATICS- History & Philosophy. bisacsh Mathematics. fast

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