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SCIENCE HIGHLIGHTS

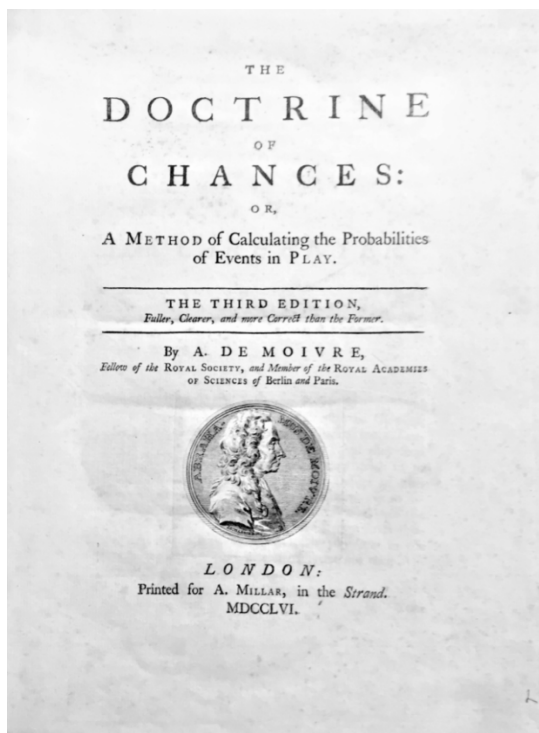


ILLUSTRATED: [13] BOYLE & [56] NICERON

1. **Accademia del Cimento; Lorenzo MAGALOTTI.** *Saggi di Naturali Esperienze ...* Florence: Gio: Filippo Cecchi, 1691. Second edition. [S13100] \$ 1,750

2. **ADAMS, George, Jr.** *Essays on the Microscope; Containing a Practical Description of the Most Improved Microscopes.* London: Dillon and Keating, 1798, 1787. 2 vols. bound in 1. S13101 \$ 3,000
3. **AMBSCHELL, Anton Antonio; Martin JEELL.** *Dissertatio de Centro Gravitatis in Subsidiu Suorum Discipulorum. [With]: Assertionones ex universa Physica et Mathesi Elementari ...* Labaci, typis Egerianis, 1779. 2 works in 1 volume. [S13074] \$ 1,800
4. **ANGO, Pierre; Ignace-Gaston PARDIES.** *L'Optique Divisée en trois livres ou L'on de' montre d'une maniere aisée tout ce qui regarde.* Paris: Michallet, 1682. First printed hypothesis on the wave theory of light. [S13184] \$ 3,250
5. **ARCHIMEDES.** *Oeuvres d'Archimède, Traduites Littéralement, avec un Commentaire...* Paris, 1807. [S10222] \$ 2,000
6. **BABBAGE, Charles.** *Observations on the Temple of Serapis at Pozzuoli Near Naples.* Privately printed, 1847. INSCRIBED BY THE AUTHOR TO CHARLES VILLIERS, MEMBER OF PARLIAMENT. [S13075] \$ 3,750
7. **BAKER, Henry.** *The Microscope Made Easy. The fifth edition: with an additional Plate of the Solar Microscope, and some farther Accounts of the Polype.* London, 1769. [S13185] \$ 1,000
8. **BATES, Henry Walter.** AUTOGRAPH LETTER SIGNED, to [Abraham Dee?] Bartlett, on stationary of the Royal Geographical Society, London, 15, Whitehall Place, December 23, 1864. London, Whitehall Place, 1864. 7x4 1/2 inches. 1 page. Signed by Bates. Fine. [S13102] \$ 1,250
9. **BARDEEN, John; BRATTAIN, Walter H.** (et.al.). "The Transistor, a Semi-Conductor Triode," [with]: "Nature of Forward Current in Germanium Point Contacts," [and with]: "Modulation of Conductance of Thin Films of Semi-Conductors by Surface Changes." Lancaster, PA: American Physical Society, 1948. FIRST PRINTING ANNOUNCING THE DEVELOPMENT OF THE TRANSISTOR, A DISCOVERY THAT INITIATED THE INFORMATION TECHNOLOGY AGE. [S13088] \$ 1,000
10. **BECKE, David von der.** *Davidis von der Becke ... Experimenta et Meditationes, Circa Naturalium Rerum Principia.* Hamburg: Schultz, 1674. [FFrye] M13451 \$ 1,200
11. **BOOLE, George.** *A Treatise on Differential Equations [with] Treatise on Differential Equations. Supplementary Volume.* Cambridge: Macmillan, 1859-65. 2 volumes. "FROM THE AUTHOR." FIRST EDITION [S11540] \$ 1,250
12. **BOUGUER, Pierre.** *Traité d'Optique sur la gradation de la Lumiere.* Paris: H.L. Guerin & L.F. Delatour, 1760. [S13176] \$ 1,800
13. **BOYLE, Robert.** *Chymista scepticus vel dubia et paradoxa chymico-physics, circa spagyricorum principia...* Rotterdam: Arnoldi Leers, 1668. SECOND LATIN EDITION. [S13210] \$ 4,950
14. **[Bridgewater Treatises].** *The Bridgewater Treatises.* London: William Pickering, 1833-1839. 9 treatises in 13 vols. [S11764] \$ 1,850

15. **CABEO, Niccolo Cabaeus.** *Philosophia Magnetica* Cologne and Ferrara: Kinckius, Succì, 1629. FIRST EDITION OF THE FIRST WORK TO DISCUSS ELECTRICAL REPULSION. [S13076] \$ 15,000
16. **CANCELLIERI, Francesco Girolamo.** *Le due nuove campane di Campidoglio, con varie notizie sopra i campanili e sopra ogni sorta di orologi ed un'appendice di monumenti.* Rome, 1806. [S10023] \$ 1,250
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18. **CHLADNI, Ernst Florens Friedrich.** *Die Akustik.* Leipzig: Breitkopf & Härtel, 1802. Andras Gedeon copy. FIRST EDITION. THE FOUNDATION OF THE SCIENCE OF ACOUSTICS. [S9397] \$ 2,500
19. **COOLEY, James W. & John W. TUKEY.** *An Algorithm for the Machine Calculation of Complex Fourier Series.* (Providence, RI): National Academy of Sciences-National Research Council, 1965. Contained in Mathematics of Computation. [S9606] \$ 1,000
20. **d'ALEMBERT, Jean le Rond.** *Traité de dynamique...* Paris: l'ainé, 1743. [S11017] \$5,275
21. **DARWIN, Charles.** *The Correspondence of Charles Darwin.* Cambridge: Cambridge University Press, 1985-2010. 18 volumes (in 19, including vols. 16 parts I & II). [LV2233] \$ 1,250
22. **DARWIN, Charles.** *The Zoology of the voyage of H.M.S. Beagle, during the years 1832-1836. Edited by Charles Darwin.* Wellington, New Zealand: Nova Pacifica, 1980. Three volumes. [LV2239] \$ 750



[23] [30]

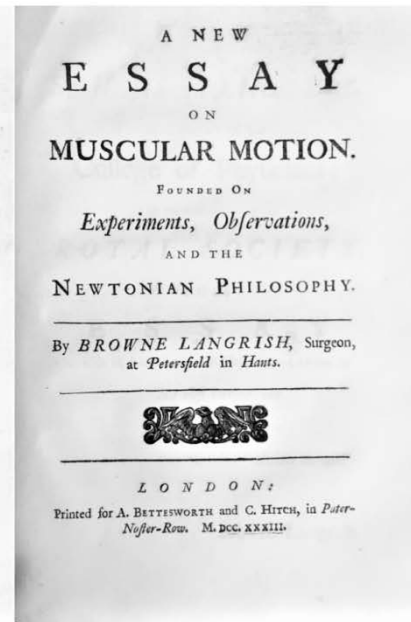
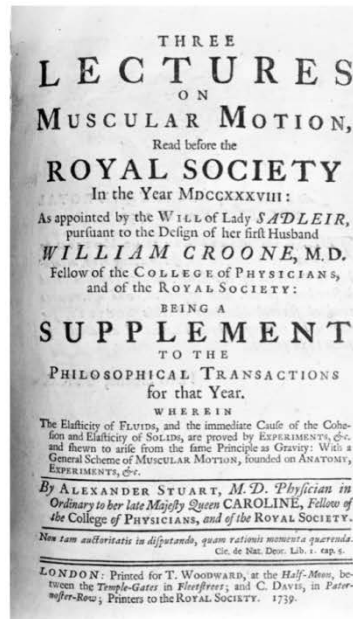
23. **DE MOIVRE, Abraham.** *The Doctrine of Chances: Or, a Method of Calculating Probabilities of Events in Play. The third edition.* London, 1756. Third edition. [S13078] \$ 2,500
24. **DESAGULIERS, John Theophilus; Isaac NEWTON.** *A System of Experimental Philosophy Prov'd by Mechanics.* London, 1719. Spurious Edition of Desaguliers' Famous Private Lectures Containing Notes on Boyle's Air Pump and Newton on Color Theory. [S13189] \$ 5,000
25. **DIOPHANTOS OF ALEXANDRIA; HEATH, T.L.** *Diophantos of Alexandria; a study in the history of Greek algebra.* Cambridge: University Press, 1885. First edition. With the signature of Florian Cajori. [S10247] \$ 950
26. **ERCKER, Lazarus.** *Aula Subterranea domina Dominantium subdita subditorum.* Frankfurt am Mayn: Verlegt von Johann David Jung, 1736. Eighth edition. [S13190] \$ 2,000
27. **EVERETT, HUGH, III.** 'Relative State' Formulation of Quantum Mechanics. Lancaster: American Physical Society, 1957. [S10250] \$ 1,800
28. **FISCHER, Herman Emil & Joseph von MERING.** *Ueber eine neue Klasse von Schlafmitteln.* Berlin & Wien: Urban & Schwarzenberg, 1903. [S9485] \$ 1,250
29. **FLUDD, Robert.** *[Katholicon] Medicorum [Katoptron].* Frankfurt: Hofmann for Fitzer, 1631. ROBERT FLUDD'S TREATISE ON "CATHOLIC MEDICINE" WITH SECTIONS ON METEOROLOGY & STUDY OF PROPHECY AND URINE. [S13191] \$ 4,500
30. **FLUDD, Robert.** *Utriusque Cosmi Maioris scilicet et Minoris Metaphysica. Physica Atque Technica Historia In duo Volumina secundum Cosmi differentiam divisa. Tomus Primus: De Macrocosmi Historia in duos tractatus divisa.* Oppenheim & Frankfurt, 1617-24. [S13079] \$ 17,500
31. **FOURCROY, Antoine François de.** *Système des Connaissances Chimiques, et de Leurs Applications aux Phénomènes Nature et de l'Art.* Paris: Baudouin, [1801-02]. 10 volumes [of 11]. [S11104] \$ 900
32. **GAUSS, Carl Friedrich.** *Intensitas vis magneticae terrestres ad mensuram absolutam revocata.* Gottingae: Dieterich, 1833. Andras Gedeon copy. [S10005] \$ 2,750
33. **CROLL, James.** *Collected Papers from the Collection of James Croll, Geological Survey,* Edinburgh, 1855-1874. The 12th paper INSCRIBED BY LORD KELVIN. [S13225] \$ 1,275
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35. **GOPPELSROEDER, Freidrich & Christian Friedrich SCHÖNBEIN.** *Ueber einige durch die Haarröhrchenanziehung des Papieres hervorgebrachten Trennungswirkungen.* Contained in: Verhandlungen der Naturforschenden Gesellschaft in Basel, Dritter theil, Zweiter heft, pp. 249-255, 1861. Basel: Schweghauserische, 1861. [S9492] \$ 900
36. **HAUKSBEE, Francis.** *Physico-Mechanical Experiments on Various Subjects. Containing An Account of several Surprising Phenomena touching Light and Electricity.* London: R. Brugis, 1709. FIRST EDITION. THE DISCOVERY OF NEON LIGHTING. Rare. [S9409] \$ 5,525

37. **HAÜY, René-Just.** *Traité de cristallographie*. Paris: Bachelier & Huzard, 1822. Two volumes & atlas. [S9410] \$ 3,649
38. **HEVELIUS, Johannes.** *Selenographia, sive lunae descriptio*. New York: Johnson Reprint, 1967. [S11332] \$ 1,250
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41. **HUYGENS, Christian.** *Opuscula Postuma*. Leiden: Cornelius Boutesteyn, 1703. Huygens' Treatise on Optics, Lenses, Telescopes, Microscopes and his Famous Copernican Orrery. [S13194] \$ 6,500
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44. **KIRCHER, Athanasius.** *Ars Magna Lucis et Umbrae; In decem Libros digesta*. Rome: Hermann Scheus (printed by Lodovico Grignani), 1646. Two volumes bound in one. FIRST EDITION OF KIRCHER'S "GREAT ART OF LIGHT AND SHADOW" & FIRST APPEARANCE OF THE AUTHOR'S MAGIC LANTERN INVENTION. [S13197] \$ 9,500
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46. **LAMB, Willis E., Jr.** [3 offprints] [1]: "A Note on the Capture of Slow Neutrons in Hydrogenous Substance" [from] Physical Review, Vol. 51, ISS. 3. Minneapolis: American Physical Society, 1937. Offprint. 8vo. 187-90 pp. Self-wrappers. Please inquire. [S11350] \$ 1,800
47. **LAVOISIER, Antoine Laurent**, et al. *Méthode de nomenclature chimique, propose par MM. de Morveau, Lavoisier, Bertholet, & de Fourcroy*. Paris: Chez Cuchet, 1787. [S9953] \$ 1,750
48. **LEDERMULLER, Martin Frobenius.** *Mikroskopische Gemuths-und Augen-Ergotzung*. [Nurnberg]: de Launoy, 1761. Two parts in one volume. 100 hand-colored engraved plates. [S13177] \$ 4,500
49. **LEEUWENHOEK, Antoni van.** [Four Works Bound Together]: [I] *Anatomia Seu interiora Rerum, Cum Animatarum tum Inanimatarum, ope & beneficio exquisitissimorum Microscopiorum Detecta variisque experimentis demonstrate*. Lugduni Batavorum: Boutesteyn, 1687. 5 works in 1 volume. THE FIRST SYSTEMATIC USE OF THE MICROSCOPE. [S13111] \$ 7,500
50. **LORENTZ, Hendrik Antoon.** *Versuch Einer Theorie der Electricischen und Optischen Erscheinungen in Bewegten Körpern*. Leiden, 1895. [S10009] \$ 4,000

51. **LORINI, Buonaiuto.** *Le Fortificationi, ... con l'aggiunta del sesto libro.* Venice: Francesco Rampazetto, 1609. ON CONSTRUCTING FORTIFICATIONS. [S13198] \$ 2,195
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53. **MUSSCHENBROEK, Petrus van; Lorenzo MAGALOTTI, conte; Accademia del Cimento** (Florence, Italy). *Tentamina experimentorum naturalium ...* Lugduni Batavorum: Verbeek, 1731. Two parts bound as one. [S13115] \$ 1,100
54. **NEWTON, Isaac.** *Optice: sive de Reflexionibus, Refractionibus, Inflectionibus et Coloribus Lucis, libri tres. Latine reddidit Samuel Clarke ... Editio novissima.* Lausannae & Geneva, Bousquet & Sociorum, 1740. [S13116] \$ 2,750
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58. **TAISNIER, Joannes.** *La science curieuse, ou traité de la chyromance.* Paris: François Clovsier, 1665. FIRST EDITION. RARE. [S10060] \$ 1,600
59. **PEIRCE, Benjamin.** *Physical and Celestial Mechanics. ...Developed in Four Systems of Analytic Mechanics, Celestial Mechanics.* Boston: Little, Brown, 1855. CHARLES SANDERS PEIRCE'S COPY. RARE. [S11803] \$ 1,495
60. **Philosophical Transactions of the Royal Society.** [Collection of 36 Physics papers published Related to the Cavendish Laboratory, written by various authors]. London: Royal Society, 1883-1899. 3 volumes. Ownership signatures (in all three vols.) of L.R. Wilberforce, Professor of Physics, London. WITH CONTRIBUTIONS FROM J.J. THOMSON [3], JOHN S. TOWNSEND [2], CHARLES THOMSON REES WILSON [3] & 12 PAPERS INSCRIBED BY THE AUTHORS. [S13230] \$ 2,500
61. **PICCOLOMINEI, Alexandri Alessandro Piccolomini.** *In Mechanicas Quaestiones Aristotelis, Paraphrasis paulo quidem plenior.* Romae: Asulanum, 1547. [S13204] \$ 1,750
62. **PIORRY, Pierre-Adolf.** *De la percussion mediate et des signes obtenus a l'aide de ce nouveau moyen d'exploration....* Paris & London: Chaudé & Bailliére, 1828. Andras Gedeon copy. [S9513] \$ 1,300

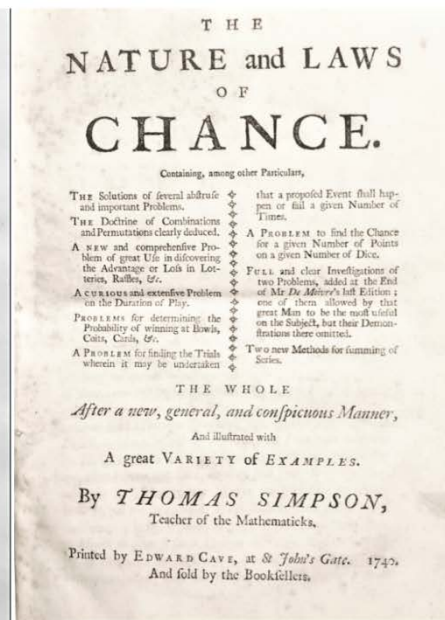
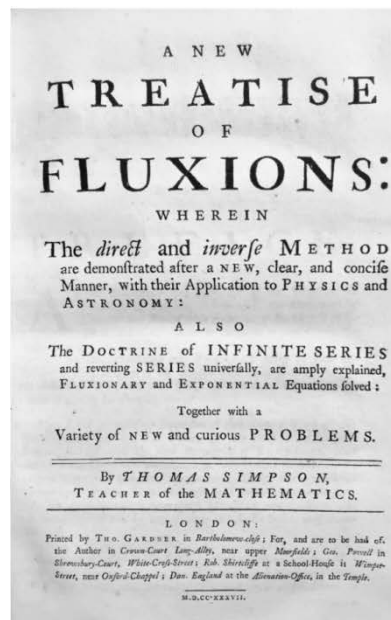
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67. **SARTON, George** (ed.). *OSIRIS. Studies on the History and Philosophy of Science, and on the History of Learning and Culture.* Bruges, 1936-1962. 23 [14+19] vols. [S10058] \$ 1,800
68. **SCHÖNBEIN, Christian Friedrich.** *Bericht über die verhandlungen der naturforschenden gesellschaft in Basel.* Basel: Hass, 1835-1852. Ten vols. in 9, Parts 1-10. Andras Gedeon copy. [S9528] \$ 1,200
69. **SCHOTT, Gaspar.** *Schola Steganographica, In Classes Octo Distributa quibus, praeter alia multa, ac jucundissima, explicantur Artificia Nova...* Nuremberg: Hertz for Endter & Heirs of Wolfgang Junior, 1665. ON CRYPTOGRAPHY BY KIRCHER'S ASSISTANT. [S13205] \$ 3,250
70. **SIMPSON, Thomas.** *The Nature and Laws of Chance. Containing, among other Particulars, The Solutions of several abstruse and important Problems... the whole after a new, general.* London: Cave, 1740. Sammelband on Probability, Differential Calculus & Medicine. [S13085] \$ 5,500
71. **SKODA, Josef.** *Abhandlung über Perkussion und Auskultation.* Vienna: widow of J.G. Ritter von Mösle & Barumüller, 1839. Gedeon copy. [S9536] \$ 2,500
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73. **SMYTH, Henry DeWolf;** United States. *A General Account of the Development of Methods of Using Atomic Energy for Military Purposes.* WDC: GPO, 1945. FIRST OFFICIAL PUBLIC ANNOUNCEMENT ON THE MANHATTAN PROJECT – THE CREATION OF THE ATOMIC BOMB. LIMITED EDITION of about 1,000 copies. [Jones]. – Printing and the Mind of Man, 422e. [S13207] \$ 4,000
74. **STRUVE, Friedrich Georg Wilhelm.** *Beschreibung der unter allerhöchstem kaiserlichen Schutze von der Universität zu Dorpat veranstalteten ...* Dorpat, Estonia: Schünmann, 1831. 2 vols. in 1. ORIGINAL PUBLISHER'S PLAIN WRAPPERS, AS ISSUED. [S13208] \$ 5,500
75. **STRUVE, Henri.** *Méthode analytique des fossiles, fondée sur leurs caracteres extérieurs.* Paris & Lausanne: Pougens [&] Durand, 1798. [S9681] \$ 3,000

76. **SWEDENBORG, Emanuel.** [*Opera philosophica et mineralia*]. Dresden and Leipzig: Hekel, 1734. Three volumes (3 parts each). 152 illus. on 124 engraved plates [lacking 3 pls.]. [S13121] \$ 3,950



77. **TAISNIER, Jean Taisnierio, Joanne.** *Opus Mathematicum, octo libros complectens ...* Cologne: Baum, 1583. Second edition. [S13122] \$ 1,500

78. **THURNEISSER, Leonhart.** [Hebrew:] *Melitsath* [Greek:] *kai Hermeneia*. *Das ist ein Onomasticum und Interpretatio oder ausführliche Erklärung ...* ¶ [bound with:] [Greek title: *Megale chymia*], *vel Magna alchymia*... Berlin: Nikolaus Voltz, 1583. 2 volumes in one. "A COMPREHENSIVE HISTORY OF ALCHEMY." [S13125] \$ 7,500



[70] SIMPSON & 3 Other Works Bound Together

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80. **VALENTINER, Karl Wilhelm, (ed.).** *Handwörterbuch der Astronomie Unter Mitwirkung*. Wroclaw: Trewendt, 1897-1902. 4 volumes in 5 books [I, II, III.1, III.2, IV]. [S11408] \$ 1,500
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