

THE SCIENTIFIC PAPERS OF JAMES CLERK MAXWELL

VOL. I



Scientific Papers Of James Clerk Maxwell

James Clerk Maxwell



Scientific Papers Of James Clerk Maxwell:

The Scientific Papers of James Clerk Maxwell ... James Clerk Maxwell, 1890 **The Scientific Letters and Papers of James Clerk Maxwell: Volume 2, 1862-1873** James Clerk Maxwell, 1990 Volume II 1862 1873 contains texts which illuminate Maxwell's scientific maturity In this period he wrote the classic works on field physics and statistical molecular theory which established his unique status in the history of science His important correspondence with Thomson and Tait provides remarkable insight into the major themes of his physics *The Scientific Papers of James Clerk Maxwell, Edited by W. D. Niven* James Clerk Maxwell, 1890 *The Scientific Letters and Papers of James Clerk Maxwell: Volume 2, 1862-1873* James Clerk Maxwell, 1995-05-18 This is a comprehensive edition of Maxwell's manuscript papers published virtually complete and largely for the first time Maxwell's work was of central importance in establishing and developing the major themes of the physics of the nineteenth century his theory of the electromagnetic field and the electromagnetic theory of light and his special place in the history of physics His fecundity of imagination and the sophistication of his examination of the foundations of physics give particular interest and importance to his writings Volume II 1862 1873 contains texts which illuminate Maxwell's scientific maturity In this period he wrote the classic works on field physics and statistical molecular theory which established his unique status in the history of science His important correspondence with Thomson and Tait provides remarkable insight into the major themes of his physics and the writing of his seminal Treatise on Electricity and Magnetism 1873 **The Scientific Papers of James Clerk Maxwell** James Clerk Maxwell, 1952 **The Scientific Letters and Papers of James Clerk Maxwell: Volume 1, 1846-1862** James Clerk Maxwell, 1990-10-26 This is a comprehensive edition of Maxwell's manuscript papers published virtually complete and largely for the first time Maxwell's work was of central importance in establishing and developing the major themes of the physics of the nineteenth century his theory of the electromagnetic field and the electromagnetic theory of light and his special place in the history of physics His fecundity of imagination and the sophistication of his examination of the foundations of physics give particular interest and importance to his writings Volume I 1846 1862 documents Maxwell's education and early scientific work and his major period of scientific innovation his first formulation of field theory the electromagnetic theory of light and the statistical theory of gases Important letters and manuscript drafts illuminate this fundamental early work and the volume includes his letters to friends and family general essays and lectures and juvenilia The Scientific Papers of James Clerk Maxwell James Clerk Maxwell, 2015 **The Scientific Letters and Papers of James Clerk Maxwell: Volume 3, 1874-1879** James Clerk Maxwell, 1990 This is a comprehensive edition of Maxwell's manuscript papers published virtually complete and largely for the first time *The Scientific Papers of James Clerk Maxwell* , 1890 *The Scientific Papers of James Clerk Maxwell* James Clerk Maxwell, 2013-11-19 One of the greatest theoretical physicists of the 19th century James Clerk Maxwell is best known for his studies of the electromagnetic field The 101 scientific papers of this two volume set arranged chronologically testify to

Maxwell's profound scientific legacy and include the preliminary explorations that culminated in his most famous work *A Treatise on Electricity and Magnetism*. One of the nineteenth century's most significant papers *A Dynamical Theory of the Electromagnetic Field* appears here along with similarly influential expositions of Maxwell's dynamical theory of gases. The author's extensive range of interests is well represented from his discussions of color blindness and the composition of Saturn's rings to his essays on geometrical optics, ether, and protecting buildings from lightning. His less technical writings are featured as well, including items written for the *Encyclopedia Britannica* and *Nature* magazine, book reviews, and popular lectures. Striking in their originality, these papers offer a wealth of stimulating and inspiring reading to modern students of mathematics and physics.

The Scientific Papers of James Clerk Maxwell, James Clerk Maxwell, Cambridge University Press, 1890

Scientific Papers of James Clerk Maxwell, James Clerk, 1901

The scientific papers of James clerk maxwell, 2 vols James clerk Maxwell, W. D. (editor) Niven, 1890

The Scientific Papers of James Clerk Maxwell: Volume 2 James Clerk Maxwell, 2011-01-20

The publication in 1890 of the two volume *Scientific Papers of James Clerk Maxwell* edited by W. D. Niven was one of the two objects of a committee formed for the purpose of securing a fitting memorial of him, the other object being the commissioning of a marble bust for the Cavendish Laboratory. Before his death in 1879, at the age of 48, Clerk Maxwell had made major contributions to many areas of theoretical physics and mathematics, not least his discoveries in the fields of electromagnetism and of the kinetic theory of gases, which have been regarded as laying the foundations of all modern physics. He is generally considered the third most important physicist of all time, after Newton and Einstein. These collected shorter works, beginning with a paper written at the age of 15, show the wide range of Clerk Maxwell's interests across mathematics, physics, and chemistry.

The scientific papers of James Clerk Maxwell, 1890

The Scientific Papers of James Clerk Maxwell, James Clerk Maxwell, 1965

The Scientific Papers Of James Clerk Maxwell, W. D. Niven, **The Scientific Papers of James Clerk Maxwell**, 1890

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The Scientific Papers of James Clerk Maxwell. I, II, James Clerk Maxwell, 1965

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