A Complete Bibliography of Publications by, and about, James Clerk Maxwell

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[Chi64] D. Chilton. Book review: Clerk Maxwell and Modern Science. Six commemorative lectures by Sir Edward V. Appleton, E. G. Bowen, C. A. Coulson, R. E. Peierls, Sir John Randall, and R. A. Smith. Edited by C. Domb. Pp. x + 118, frontis., 5 plates and numerous text figures. University of London, The Athlone Press. 1963. Price 25s. net. *British Journal for the History of Science*, 2(1):76, June 1964. CODEN BJHSAT. ISSN 0007-0874 (print), 1474-001X (electronic). URL http://www.jstor.org/stable/4025088.

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[Chr06] Christo I. Christov. On the material invariant formulation of Maxwell's displacement current. *Foundations of Physics*, 36(11):1701–1717, November 2006. CODEN FNDPA4. ISSN 0015-9018 (print), 1572-9516 (electronic). URL http://link.springer.com/article/10.1007/s10701-006-9075-7.

ClerkMaxwell:1863:ACE

[CJ63a] James Clerk Maxwell and Fleeming Jenkin. Appendix C: On the elementary relations between electrical measurements. In *Report of 1863 to the British Association*, page ?? ????, ????, 1863.

ClerkMaxwell:1863:ADD

[CJ63b] James Clerk Maxwell and Fleeming Jenkin. Appendix D: Description of an experimental measurement of electrical resistance, made at King's College [London]. In *Report of 1863 to the British Association*, pages 163–176. ????, ????, 1863. Parts I, III, and IV by Maxwell. Part II by Jenkin.

ClerkMaxwell:1865:LERa

[CJ65a] James Clerk Maxwell and Fleeming Jenkin. LXI. On the elementary relations between electrical measurements. *Philosophical Magazine (Series 4 (1851–1875))*, 29(198):436–460, ???? 1865. ISSN 0031-8086. URL http://www.tandfonline.com/doi/abs/10.1080/14786446508643901.

ClerkMaxwell:1865:LERb

[CJ65b] James Clerk Maxwell and Fleeming Jenkin. LXX. On the elementary relations between electrical measurements. *Philosophical Mag-*

azine (Series 4 (1851–1875)), 29(199):507–525, ???? 1865. ISSN 0031-8086. URL `http://www.tandfonline.com/doi/abs/10.1080/14786446508643913`.

ClerkMaxwell:1864:ADF

[CJH64] James Clerk Maxwell, Fleeming Jenkin, and Charles Hockin. Appendix A: Description of a further experimental measurement of electrical resistance made at King's College [London]. *Report of the British Association for the Advancement of Science*, ??(??): 350–351, ???? 1864. URL `https://hdl.handle.net/2027/njp.32101076796364?urlappend=%3Bseq=438`.

Cho:2015:HGP

[CL15] Adrian Cho and Ilima Loomis. Hawaii's Governor proposes telescope swap. Science news Web site., June 2, 2015. URL `http://www.sciencemag.org/news/2015/06/hawaii-s-governor-proposes-telescope-swap`. Discussion of the religious controversy over the 13 telescopes on Hawaii's Mauna Kea volcano, one of which is the James Clerk Maxwell Telescope, and possibly slated for removal in an appeasement effort.

Clausius:1858:MLW

[Cla58] Rudolf Julius Emmanuel Clausius. Ueber die mittlere Länge der Wege, welche bei der Molecularbewegung gasförmiger Körper von den einzelnen Molecülen zurückgelegt werden; nebst einigen anderen Bemerkungen über die mechanische Wärmetheorie. (German) [On the mean lengths of paths described by separate molecules of gaseous bodies]. *Annalen der Physik (Berlin)*, 181(10):239–258, ???? 1858. CODEN ANPYA2. ISSN 1521-3889. URL `http://onlinelibrary.wiley.com/doi/10.1002/andp.18581811005/full`. See also English translation in [Cla59].

Clausius:1859:XML

[Cla59] Rudolf Julius Emmanuel Clausius. X. On the mean length of the paths described by the separate molecules of gaseous bodies on the occurrence of molecular motion: together with some other remarks upon the mechanical theory of heat. *Philosophical Magazine (Series 4 (1851–1875))*, 17(112):81–91, February 1859. CODEN PHMAA4. ISSN 0031-8086. URL `http://www.tandfonline.com/doi/abs/10.1080/14786445908642626`. English translation of [Cla58].

ClerkMaxwell:1846:DO

[Cle46a] James Clerk Maxwell. Descartes' ovals. Unpublished notes, cited in [Tai80a]., 1846.

ClerkMaxwell:1846:MA

[Cle46b] James Clerk Maxwell. The meloid and apioid. Unpublished notes, cited in [Tai80a]., 1846.

ClerkMaxwell:1846:TC

[Cle46c] James Clerk Maxwell. Trifocal curves. Unpublished notes, cited in [Tai80a]., 1846.

ClerkMaxwell:1849:TRC

[Cle49] James Clerk Maxwell. On the theory of rolling curves. *Transactions of the Royal Society of Edinburgh*, 16(5):519–540, ???? 1849. CODEN TRSEAO. ISSN 0080-4568 (print), 2053-5945 (electronic). URL `https://hdl.handle.net/2027/mdp.39015035450207?urlappend=%3Bseq=577`.

ClerkMaxwell:1851:EES

[Cle51a] James Clerk Maxwell. 1. On the equilibrium of elastic solids. *Proceedings of the Royal Society of Edinburgh*, 2:294–296, 1851. CODEN PRSEAE. ISSN 0080-4541 (print), 2053-5902 (electronic).

ClerkMaxwell:1851:NHB

[Cle51b] James Clerk Maxwell. Notes from Hopkins booklets and lectures. Six notebooks. University Library, Cambridge, Add. MSS 7655, v, m/5–10., 1851.

ClerkMaxwell:1851:NDI

[Cle51c] James Clerk Maxwell. Notes on differential & integral calculus. University Library, Cambridge, Add. MSS 7655, v, m/7, f. 9., 1851.

ClerkMaxwell:1851:NSD

[Cle51d] James Clerk Maxwell. Notes on statics dynamics. University Library, Cambridge, Add. MSS 7655, v, m/7, f. 9., 1851.

ClerkMaxwell:1853:IEE

[Cle53] James Clerk Maxwell. IV. On the equilibrium of elastic solids. *Transactions of the Royal Society of Edinburgh*, 20 (part 1):87–120, 1853. CODEN TRSEAO. ISSN 0080-4568 (print), 2053-5945 (electronic). URL `https://hdl.handle.net/2027/hvd.hwhq7y?urlappend=%3Bseq=113`.

ClerkMaxwell:1854:PCD

[Cle54a] James Clerk Maxwell. On a particular case of the descent of a heavy body in a resisting medium. *Cambridge and Dublin Mathematical Journal*, 9(??):145–148, May 1854. URL http://gdz.sub.uni-goettingen.de/en/dms/loader/img/?PID=PPN600493962_0009%7CLOG_0025. See [Tai80a, page 319, column 2] for an description of this work applied to a falling slip of paper.

ClerkMaxwell:1854:SP

[Cle54b] James Clerk Maxwell. Solutions of problems. *Cambridge and Dublin Mathematical Journal*, 8(??):188–189, February 1854. Contains invention of the fisheye lens.

ClerkMaxwell:1855:FLF

[Cle55a] James Clerk Maxwell. On Faraday's lines of force [Part I abstract only]. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 1 (part xi)(??):160–162, December 10, 1855. CODEN PCPSA4. ISSN 0008-1981. URL https://hdl.handle.net/2027/njp.32101018907830?urlappend=%3Bseq=170. Full paper in [Cle58a].

ClerkMaxwell:1855:TCR

[Cle55b] James Clerk Maxwell. On the theory of colours in relation to colour-blindness. Letter to Dr G. Wilson, reprinted in [Wil55]., January 4, 1855.

ClerkMaxwell:1856:DNF

[Cle56a] James Clerk Maxwell. Description of a new form of the platometer, an instrument for measuring the areas of plane figures drawn on paper. *Transactions of the Royal Scottish Society of Arts [1839–1925]*, 4(??): 420–429, ???? 1856.

ClerkMaxwell:1856:ILA

[Cle56b] James Clerk Maxwell. Inaugural lecture at Aberdeen. Manuscript unpublished in JCM's lifetime, but held in the Cambridge University Library, and reprinted in [Jon73, pages 69–81] and [Har90, pages 419–431]. A summary appeared in [Cle56g], November 3, 1856.

ClerkMaxwell:1856:FLFa

[Cle56c] James Clerk Maxwell. On Faraday's lines of force [abstract only]. *Philosophical Magazine (Series 4 (1851–1875))*, 9(61):404–405, ???? 1856. ISSN 0031-8086. URL http://www.tandfonline.com/doi/abs/10.1080/14786445508641892. Full paper in [Cle58a].

ClerkMaxwell:1856:FLFb

[Cle56d] James Clerk Maxwell. On Faraday's lines of force [Part II abstract only]. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 1 (part xii)(??):163–166, February 11, 1856. CODEN PCPSA4. ISSN 0008-1981. URL https://hdl.handle.net/2027/njp.32101018907830?urlappend=%3Bseq=173. Full paper in [Cle58a].

ClerkMaxwell:1856:TCR

[Cle56e] James Clerk Maxwell. On the theory of colours in relation to colour-blindness. *Transactions of the Royal Scottish Society of Arts [1839–1925]*, 4(??):394–400, ???? 1856. First printed in [Wil55].

ClerkMaxwell:1856:TSB

[Cle56f] James Clerk Maxwell. On the transformation of surfaces by bending. *Transactions of the Cambridge Philosophical Society*, 9(??):445–470, ???? 1856. URL http://biodiversitylibrary.org/page/2437845.

ClerkMaxwell:1856:SIL

[Cle56g] James Clerk Maxwell. [Summary of inaugural lecture at Aberdeen]. *Aberdeen Journal*, ??(??):??, November 5, 1856.

ClerkMaxwell:1857:ECP

[Cle57a] James Clerk Maxwell. 1. Experiments on colour as perceived by the eye, with remarks on colour-blindness. *Proceedings of the Royal Society of Edinburgh*, 3:299–301, 1857. CODEN PRSEAE. ISSN 0080-4541 (print), 2053-5902 (electronic). URL http://lhldigital.lindahall.org/cdm/ref/collection/color/id/29023.

ClerkMaxwell:1857:IAE

[Cle57b] James Clerk Maxwell. IV: Account of experiments on the perception of colour. *Philosophical Magazine (Series 4 (1851–1875))*, 14(90):40–47, ???? 1857. ISSN 0031-8086. URL http://www.tandfonline.com/doi/abs/10.1080/14786445708642349. This paper demonstrates that "every sensation of colour in a perfect human eye is distinguished by three, and only three, elementary quantities, so that in mathematical language, the quality of a colour may be expressed as a function of three independent variables.".

ClerkMaxwell:1857:DTE

[Cle57c] James Clerk Maxwell. On a dynamical top, for exhibiting the phenomena of the motion of a system of invariable form about a fixed point; with some suggestions as to the Earth's motion. *Proceedings of the Royal Society of Edinburgh*, 3(??):503–504, January 1857. CODEN PRSEAE. ISSN 0080-4541 (print), 2053-5902 (electronic).

ClerkMaxwell:1857:MDT

[Cle57d] James Clerk Maxwell. On a method of drawing the theoretical forms of Faraday's lines of force without calculation. *Report of the British Association for the Advancement of Science*, ??(??):12–??, ???? 1857.

ClerkMaxwell:1857:IIP

[Cle57e] James Clerk Maxwell. On an instrument to illustrate Poinsôt's theory of rotation. *Report of the British Association for the Advancement of Science*, ??(??):27–28, ???? 1857.

ClerkMaxwell:1857:TCC

[Cle57f] James Clerk Maxwell. 'On the theory of compound colours with reference to mixtures of blue and yellow light. *Report of the British Association for the Advancement of Science*, ??(??):12–13, ???? 1857.

ClerkMaxwell:1857:USF

[Cle57g] James Clerk Maxwell. On the unequal sensibility of the Foramen Centrale to light of different colours. *Report of the British Association for the Advancement of Science*, ??(??):12–??, ???? 1857.

ClerkMaxwell:1857:XEC

[Cle57h] James Clerk Maxwell. XVIII. Experiments on colour, as perceived by the eye, with remarks on colour-blindness. *Transactions of the Royal Society of Edinburgh*, 21(2):275–298, January 1857. CODEN TRSEAO. ISSN 0080-4568 (print), 2053-5945 (electronic). URL `https://hdl.handle.net/2027/mdp.39015005660991?urlappend=%3Bseq=331`.

ClerkMaxwell:1857:XDT

[Cle57i] James Clerk Maxwell. XXXIV: On a dynamical top, for exhibiting the phenomena of the motion of a system of invariable form about a fixed point; with some suggestions as to the Earth's motion. *Transactions of the Royal Society of Edinburgh*, 21(4):559–570, ???? 1857. CODEN TRSEAO. ISSN 0080-4568 (print), 2053-5945 (electronic). URL `https://hdl.handle.net/2027/mdp.39015005660991?urlappend=%3Bseq=639`.

ClerkMaxwell:1858:IFL

[Cle58a] James Clerk Maxwell. III. On Faraday's lines of force. *Transactions of the Cambridge Philosophical Society*, 10 (part 1)(??):27–83, ???? 1858. URL http://biodiversitylibrary.org/page/2424191; http://www.scribd.com/doc/39568221/maxwell-on-faraday-s-lines-of-force. See extensive commentary about the philosophy and theology in this paper [Lam11].

ClerkMaxwell:1858:GLO

[Cle58b] James Clerk Maxwell. On the general laws of optical instruments. *The Quarterly Journal of Pure and Applied Mathematics [1857–1927]*, 2 (??):233–246, ???? 1858. URL https://hdl.handle.net/2027/uc1.%24b417524?urlappend=%3Bseq=251.

ClerkMaxwell:1859:IDT

[Cle59a] James Clerk Maxwell. On the dynamical theory of gases. In ????, editor, *[Proceedings of the August 1859 meeting of the British Association for the Advancement of Science: Transactions of Section A]*, pages 9–?? ????, ????, 1859.

ClerkMaxwell:1859:SMSa

[Cle59b] James Clerk Maxwell. On the stability of the motion of Saturn's rings. *Monthly Notices of the Royal Astronomical Society*, 19(??):297–384, ???? 1859. CODEN MNRAA4. ISSN 0035-8711 (print), 1365-2966 (electronic). Adams Prize Essay, 1856, for Cambridge University.

ClerkMaxwell:1859:SMSb

[Cle59c] James Clerk Maxwell. *On the Stability of the Motion of Saturn's rings: an Essay which Obtained the Adams Prize for the Year 1856, in the University of Cambridge*. MacMillan Publishing Company, New York, NY, USA, 1859. viii + 71 pp. URL https://archive.org/details/onstabilityofmot00maxw.

ClerkMaxwell:185x:UAC

[Cle5x] James Clerk Maxwell. [Unpublished answer to Clausius's remarks]. Cited in [Gar70, footnote 52, page 314]., 185x.

ClerkMaxwell:1860:IIDa

[Cle60a] James Clerk Maxwell. II. Illustrations of the dynamical theory of gases. Part II. on the process of diffusion of two or more kinds of moving particles among one another. *Philosophical Magazine (Series 4*

(1851–1875)), 20(130):21–33, July 1860. ISSN 0031-8086. URL `http://www.tandfonline.com/doi/abs/10.1080/14786446008642902`.

ClerkMaxwell:1860:IIDb

[Cle60b] James Clerk Maxwell. II. Illustrations of the dynamical theory of gases. Part III. on the collision of perfectly elastic bodies of any form. *Philosophical Magazine (Series 4 (1851–1875))*, 20(130):33–37, July 1860. ISSN 0031-8086.

ClerkMaxwell:1860:IEM

[Cle60c] James Clerk Maxwell. On an instrument for exhibiting the motions of Saturn's rings. *Report of the British Association for the Advancement of Science*, ??(??):62–??, ???? 1860.

ClerkMaxwell:1860:DTG

[Cle60d] James Clerk Maxwell. On the dynamical theory of gases. *Report of the British Association for the Advancement of Science*, ??(??):9–??, ???? 1860.

ClerkMaxwell:1860:MCS

[Cle60e] James Clerk Maxwell. On the mixture of the colours of the spectrum. *Report of the British Association for the Advancement of Science*, ??(??):15–??, ???? 1860.

ClerkMaxwell:1860:TCC

[Cle60f] James Clerk Maxwell. On the theory of compound colours, and the relations of the colours of the spectrum. *Philosophical transactions of the Royal Society of London*, 150(??):57–84, ???? 1860. CODEN PTRSAV. ISSN 0370-2316 (print), 2053-9207 (electronic).

ClerkMaxwell:1860:VID

[Cle60g] James Clerk Maxwell. V. Illustrations of the dynamical theory of gases. Part I. On the motions and collisions of perfectly elastic spheres. *Philosophical Magazine (Series 4 (1851–1875))*, 19(124):19–32, January 1860. ISSN 0031-8086. URL `http://www.tandfonline.com/doi/abs/10.1080/14786446008642818`. See comments [Bru62].

ClerkMaxwell:1861:LPL

[Cle61a] James Clerk Maxwell. LI. On physical lines of force. *Philosophical Magazine (Series 4 (1851–1875))*, 21(141):338–348, ???? 1861. ISSN 0031-8086. URL `http://www.tandfonline.com/doi/abs/10.1080/14786446108643056`.

ClerkMaxwell:1861:IEM

[Cle61b] James Clerk Maxwell. On an instrument for exhibiting any mixture of the colours of the spectrum. *Report of the British Association for the Advancement of Science*, ??(??):16–??, ???? 1861.

ClerkMaxwell:1861:PLF

[Cle61c] James Clerk Maxwell. On physical lines of force. *The London, Edinburgh, and Dublin Philosophical Magazine and Journal of Science: series 4*, XXI(??):161–175, ???? 1861.

ClerkMaxwell:1861:RBT

[Cle61d] James Clerk Maxwell. On the results of Bernoulli's theory of gases as applied to their internal friction, their diffusion, and their conductivity for heat. *Report of the British Association for the Advancement of Science*, pages 15–16, 1861.

ClerkMaxwell:1861:TTP

[Cle61e] James Clerk Maxwell. On the theory of three primary colours. *Notices of the Proceedings of the Royal Institution of Great Britain [1851–1928]*, 11(??):370–374, ???? 1861. Lecture at the Royal Institution of Great Britain, May 17, 1861.

ClerkMaxwell:1861:TPC

[Cle61f] James Clerk Maxwell. The theory of the primary colours. *British Journal of Photography*, ??(??):??, August 9, 1861. CODEN BRJFAM. ISSN 0007-1196. URL `http://notesonphotographs.org/index.php?title=%22The_Theory_of_the_Primary_Colours.%22_The_British_Journal_of_Photography,_August_9,_1861`.

ClerkMaxwell:1861:XPLb

[Cle61g] James Clerk Maxwell. XLIV. On physical lines of force. Part II. The theory of molecular vortices applied to electric currents. *Philosophical Magazine (Series 4 (1851–1875))*, 21(140):281–291, ???? 1861. ISSN 0031-8086. URL `http://www.tandfonline.com/doi/abs/10.1080/14786446108643056`.

ClerkMaxwell:1861:XPLa

[Cle61h] James Clerk Maxwell. XXV. On physical lines of force. Part I. The theory of molecular vortices applied to magnetic phenomena. *Philosophical Magazine (Series 4 (1851–1875))*, 21(139):161–175, 1861. ISSN 0031-8086. URL `http://www.tandfonline.com/doi/abs/10.1080/14786446108643033`.

ClerkMaxwell:1861:PKG

[Cle62a] James Clerk Maxwell. *Ueber physikalische Kraftlinien. (German) [On physical lines of force]*. ????, Leipzig, Germany, 1861–1862. LCCN ???? Translation to German by Ludwig Boltzmann.

ClerkMaxwell:1862:TCS

[Cle62b] James Clerk Maxwell. 2. On theories of the constitution of Saturn's rings. *Proceedings of the Royal Society of Edinburgh*, 4(??):99–101, ???? 1862. CODEN PRSEAE. ISSN 0080-4541 (print), 2053-5902 (electronic).

ClerkMaxwell:1862:IPL

[Cle62c] James Clerk Maxwell. III. On physical lines of force. Part III. The theory of molecular vortices applied to statical electricity. *Philosophical Magazine (Series 4 (1851–1875))*, 23(151):12–24, January 1862. ISSN 0031-8086. URL `http://www.tandfonline.com/doi/abs/10.1080/14786446208643207`.

ClerkMaxwell:1862:XPL

[Cle62d] James Clerk Maxwell. XIV. On physical lines of force. Part IV. The theory of molecular vortices applied to the action of magnetism on polarised light. *Philosophical Magazine (Series 4 (1851–1875))*, 23 (152):85–95, January 1862. ISSN 0031-8086. URL `http://www.tandfonline.com/doi/abs/10.1080/14786446208643219`.

ClerkMaxwell:1863:CHG

[Cle63] James Clerk Maxwell. On the conduction of heat in gases. Unpublished work, reprinted in [Gar66, pages 279–297], and in [Niv11]., 1863.

ClerkMaxwell:1864:DTE

[Cle64a] James Clerk Maxwell. A dynamical theory of the electromagnetic field [abstract only]. *Proceedings of the Royal Society of London*, 13 (??):531, ???? 1864. CODEN PRSLAZ. ISSN 0370-1662 (print), 2053-9126 (electronic).

ClerkMaxwell:1864:CES

[Cle64b] James Clerk Maxwell. L. On the calculation of the equilibrium and stiffness of frames. *Philosophical Magazine (Series 4 (1851–1875))*, 27(182):294–299, ???? 1864. ISSN 0031-8086. URL `http://www.tandfonline.com/doi/abs/10.1080/14786446408643668`.

ClerkMaxwell:1864:FLF

[Cle64c] James Clerk Maxwell. On Faraday's lines of force. *Transactions of the Cambridge Philosophical Society*, X(??):27–83, ???? 1864.

ClerkMaxwell:1864:XRF

[Cle64d] James Clerk Maxwell. XLV. On reciprocal figures and diagrams of forces. *Philosophical Magazine (Series 4 (1851–1875))*, 27(182):250–261, ???? 1864. ISSN 0031-8086. URL `http://www.tandfonline.com/doi/abs/10.1080/14786446408643663`.

ClerkMaxwell:1865:VDT

[Cle65] James Clerk Maxwell. VIII. A dynamical theory of the electromagnetic field. *Philosophical transactions of the Royal Society of London*, 155:459–512, January 1, 1865. CODEN PTRSAV. ISSN 0370-2316 (print), 2053-9207 (electronic). URL `http://upload.wikimedia.org/wikipedia/commons/1/19/A_Dynamical_Theory_of_the_Electromagnetic_Field.pdf; http://www.jstor.org/stable/108892`. See [Eng15] for a 150-year retrospective on this paper that introduced 'Maxwell's equations'.

ClerkMaxwell:1866:ETO

[Cle66a] James Clerk Maxwell. On the elementary theory of optical instruments. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 1 (part xii)(??):175, ???? 1866. CODEN PCPSA4. ISSN 0008-1981.

ClerkMaxwell:1866:VIF

[Cle66b] James Clerk Maxwell. On the viscosity or internal friction of air and other gases [abstract only]. *Proceedings of the Royal Society of London*, 15(??):14–17, ???? 1866. CODEN PRSLAZ. ISSN 0370-1662 (print), 2053-9126 (electronic). Full paper in [Cle66e].

ClerkMaxwell:1866:RCS

[Cle66c] James Clerk Maxwell. Report of the Committee on standards of electrical resistance, Birmingham, September 1865. *Report of the British Association for the Advancement of Science*, ??(??):308–313, ???? 1866.

ClerkMaxwell:1866:TSB

[Cle66d] James Clerk Maxwell. The transformation of surfaces by bending. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 1 (part x [127–146])(??):134–136, ???? 1866. CODEN PCPSA4. ISSN 0008-1981.

ClerkMaxwell:1866:XBL

[Cle66e] James Clerk Maxwell. XIII. the Bakerian Lecture. On the viscosity or internal friction of air and other gases. *Philosophical transactions of the Royal Society of London*, 156(??):249–268, ???? 1866. CODEN PTRSAV. ISSN 0370-2316 (print), 2053-9207 (electronic). The Bakerian Lecture for 1866, read 8 February 1866.

ClerkMaxwell:1867:DTGb

[Cle67a] James Clerk Maxwell. On the dynamical theory of gases. *Philosophical transactions of the Royal Society of London*, 157(??):49–88, ???? 1867. CODEN PTRSAV. ISSN 0370-2316 (print), 2053-9207 (electronic).

ClerkMaxwell:1867:DTGa

[Cle67b] James Clerk Maxwell. On the dynamical theory of gases [abstract only]. *Proceedings of the Royal Society of London*, 15(??):167–171, ?? 1867. CODEN PRSLAZ. ISSN 0370-1662 (print), 2053-9126 (electronic). Full paper in [Cle67a].

ClerkMaxwell:1867:ESE

[Cle67c] James Clerk Maxwell. On the equilibrium of a spherical envelope. *The Quarterly Journal of Pure and Applied Mathematics [1857–1927]*, 8 (??):325–333, ???? 1867.

ClerkMaxwell:1867:TME

[Cle67d] James Clerk Maxwell. On the theory of the maintenance of electric currents by mechanical work without the use of permanent magnets. *Proceedings of the Royal Society of London*, 15(??):397–402, ???? 1867. CODEN PRSLAZ. ISSN 0370-1662 (print), 2053-9126 (electronic).

ClerkMaxwell:1868:CSS

[Cle68a] James Clerk Maxwell. The construction of stereograms of surfaces. *Proceedings of the London Mathematical Society. First Series*, s1-2: 57–58, January 23, 1868. CODEN PLMTAL. ISSN 0024-6115 (print), 1460-244X (electronic). URL `http://onlinelibrary.wiley.com/doi/10.1112/plms/s1-2.1.50/full`.

ClerkMaxwell:1868:MMDa

[Cle68b] James Clerk Maxwell. On a method of making a direct comparison of electrostatic and electromagnetic force; with a note on the electromagnetic theory of light [abstract only]. *Philosophical Magazine (Series 4 (1851–1875))*, 36(243):316–317, ???? 1868. ISSN 0031-8086. URL `http://www.tandfonline.com/doi/abs/10.1080/14786446808640067`. Full paper in [Cle69b].

ClerkMaxwell:1868:MMDb

[Cle68c] James Clerk Maxwell. 'On a method of making a direct comparison of electrostatic and electromagnetic force; with a note on the electromagnetic theory of light [abstract only]. *Proceedings of the Royal Society of London*, 16(??):449–450, ???? 1868. CODEN PRSLAZ. ISSN 0370-1662 (print), 2053-9126 (electronic). Full paper in [Cle69b].

ClerkMaxwell:1868:RIS

[Cle68d] James Clerk Maxwell. On a real-image stereoscope. *Report of the British Association for the Advancement of Science*, ??(??):11–??, ???? 1868.

ClerkMaxwell:1868:Ga

[Cle68e] James Clerk Maxwell. On governors. *Proceedings of the Royal Society of London*, 16:270–283, 1868. CODEN PRSLAZ. ISSN 0370-1662 (print), 2053-9126 (electronic).

ClerkMaxwell:1868:Gb

[Cle68f] James Clerk Maxwell. On governors. *Philosophical Magazine (Series 4 (1851–1875))*, 35(238):385–398, ???? 1868. ISSN 0031-8086. URL `http://www.tandfonline.com/doi/abs/10.1080/14786446808639996`.

ClerkMaxwell:1868:RDS

[Cle68g] James Clerk Maxwell. On reciprocal diagrams in space, and their relation to Airy's function of stress. *Proceedings of the London Mathematical Society. First Series*, s1-2:58–61, January 23, 1868. CODEN PLMTAL. ISSN 0024-6115 (print), 1460-244X (electronic). URL `http://onlinelibrary.wiley.com/doi/10.1112/plms/s1-2.1.58/full`.

ClerkMaxwell:1868:C

[Cle68h] James Clerk Maxwell. On the cyclide. *The Quarterly Journal of Pure and Applied Mathematics [1857–1927]*, 9:111–126, 1868. URL `https://hdl.handle.net/2027/uc1.%24b417531?urlappend=%3Bseq=127`.

ClerkMaxwell:1868:TDF

[Cle68i] James Clerk Maxwell. On the theory of diagrams of forces as applied to roofs and bridges. *Report of the British Association for the Advancement of Science*, ??(??):156–??, ???? 1868.

ClerkMaxwell:1868:XDTa

[Cle68j] James Clerk Maxwell. XV. On the dynamical theory of gases. *Philosophical Magazine (Series 4 (1851–1875))*, 35(235):129–145, ???? 1868. ISSN 0031-8086. URL http://www.tandfonline.com/doi/abs/10.1080/14786446808639951. See also continuation [Cle68k].

ClerkMaxwell:1868:XDTb

[Cle68k] James Clerk Maxwell. XXII. On the dynamical theory of gases. On the final distribution of velocity among the molecules of two systems acting on one another according to any law of force. *Philosophical Magazine (Series 4 (1851–1875))*, 35(236):185–217, ???? 1868. ISSN 0031-8086. URL http://www.tandfonline.com/doi/abs/10.1080/14786446808639963. Continuation of [Cle68j].

ClerkMaxwell:1869:BAP

[Cle69a] James Clerk Maxwell. 4. On the best arrangement for producing a pure spectrum on a screen. *Proceedings of the Royal Society of Edinburgh*, 6(??):238–242, ???? 1869. CODEN PRSEAE. ISSN 0080-4541 (print), 2053-5902 (electronic).

ClerkMaxwell:1869:MMD

[Cle69b] James Clerk Maxwell. On a method of making a direct comparison of electrostatic with electromagnetic force; with a note on the electromagnetic theory of light. *Philosophical transactions of the Royal Society of London*, 158(??):643–657, ???? 1869. CODEN PTRSAV. ISSN 0370-2316 (print), 2053-9207 (electronic).

ClerkMaxwell:1869:JBL

[Cle69c] James Clerk Maxwell. On J. B. Listing's paper, "*On the kinds of cyclosis in lines, surfaces, and regions of space*", in the 10th volume of the Göttingen Transactions. *Proceedings of the London Mathematical Society. First Series*, s1-2:165–166, February 11, 1869. CODEN PLMTAL. ISSN 0024-6115 (print), 1460-244X (electronic). URL http://onlinelibrary.wiley.com/doi/10.1112/plms/s1-2.1.161/full.

ClerkMaxwell:1869:RFF

[Cle69d] James Clerk Maxwell. On reciprocal figures, frames, and diagrams of forces. *Transactions of the Royal Society of Edinburgh*, 26:1–40, 1869. CODEN TRSEAO. ISSN 0080-4568 (print), 2053-5945 (electronic).

ClerkMaxwell:1869:IMH

[Cle69e] James Clerk Maxwell. On the influence of the motions of the heavenly bodies on the index of refraction of light. *Philosophical transactions of the Royal Society of London*, 158(??):532–535, ???? 1869. CODEN PTRSAV. ISSN 0370-2316 (print), 2053-9207 (electronic). Embedded in [Hug69].

ClerkMaxwell:1869:QCP

[Cle69f] James Clerk Maxwell. Question — "Can the potential of a uniform circular disc at any point be expressed by means of elliptic integrals?". *Proceedings of the London Mathematical Society. First Series*, s1-3(??):8, November 11, 1869. CODEN PLMTAL. ISSN 0024-6115 (print), 1460-244X (electronic). URL `http://onlinelibrary.wiley.com/doi/10.1112/plms/s1-3.1.6/full`.

ClerkMaxwell:1869:RMH

[Cle69g] James Clerk Maxwell. Remarks on Mr. Hanlon's paper on "*The Vena Contracta*". *Proceedings of the London Mathematical Society. First Series*, s1-3:6–9, November 11, 1869. CODEN PLMTAL. ISSN 0024-6115 (print), 1460-244X (electronic). URL `http://onlinelibrary.wiley.com/doi/10.1112/plms/s1-3.1.6/full`.

ClerkMaxwell:186x:ILE

[Cle6x] James Clerk Maxwell. Introductory lecture on experimental physics. Unpublished lecture., 186x.

ClerkMaxwell:1870:AMPb

[Cle70a] James Clerk Maxwell. Address to the Mathematical and Physical Science Sections of the British Association. *Report of the British Association for the Advancement of Science*, ??(??):1–9, ???? 1870.

ClerkMaxwell:1870:AMPa

[Cle70b] James Clerk Maxwell. Address to the Mathematical and Physical Science Sections of the British Association [abstract only]. *Nature*, 2 (47):419–422, September 22, 1870. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `https://www.nature.com/nature/journal/v2/n47/pdf/002419a0.pdf`.

ClerkMaxwell:1870:EVR

[Cle70c] James Clerk Maxwell. Experiments on the value of v, the ratio of the electromagnetic to the electrostatic unit of electricity. *Report of the British Association for the Advancement of Science*, ??(??):436–438, ???? 1870.

ClerkMaxwell:1870:RFF

[Cle70d] James Clerk Maxwell. I. on reciprocal figures, frames, and diagrams of forces. *Transactions of the Royal Society of Edinburgh*, 26(1):1–40, January 1870. CODEN TRSEAO. ISSN 0080-4568 (print), 2053-5945 (electronic). URL http://digital.nls.uk/scientists/archive/74629052. This paper was awarded the Keith Prize of the Royal Society of Edinburgh.

ClerkMaxwell:1870:LEH

[Cle70e] James Clerk Maxwell. Letter to the Editor: L. On hills and dales. *Philosophical Magazine (Series 4 (1851–1875))*, 40(269):421–427, ???? 1870. ISSN 0031-8086. URL http://www.tandfonline.com/doi/abs/10.1080/14786447008640422. See also [Cle71d].

ClerkMaxwell:1870:DCF

[Cle70f] James Clerk Maxwell. On the displacement in a case of fluid motion. *Proceedings of the London Mathematical Society. First Series*, s1-3:82–87, March 10, 1870. CODEN PLMTAL. ISSN 0024-6115 (print), 1460-244X (electronic). URL http://onlinelibrary.wiley.com/doi/10.1112/plms/s1-3.1.82/full.

ClerkMaxwell:1870:TH

[Cle70g] James Clerk Maxwell. *Theory of Heat*. Longmans, Green, and Co., London, UK, 1870. xii + 312 pp. LCCN ???? URL https://hdl.handle.net/2027/nyp.33433057781498; https://hdl.handle.net/2027/nyp.33433069099806.

ClerkMaxwell:1871:ILE

[Cle71a] James Clerk Maxwell. *Introductory lecture on experimental physics*. MacMillan Publishing Company, New York, NY, USA, 1871. ???? pp.

ClerkMaxwell:1871:CV

[Cle71b] James Clerk Maxwell. On colour vision. *Nature*, 4(79):13–16, May 4, 1871. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL https://www.nature.com/nature/journal/v4/n79/pdf/004013b0.pdf.

ClerkMaxwell:1871:CVD

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ClerkMaxwell:1871:HD

[Cle71d] James Clerk Maxwell. On hills and dales. *Report of the British Association for the Advancement of Science*, ??(??):17–18, ???? 1871.

ClerkMaxwell:1871:QPD

[Cle71e] James Clerk Maxwell. Question as to positive direction of rotation. *Proceedings of the London Mathematical Society. First Series*, s1-3(??):279–280, May 11, 1871. CODEN PLMTAL. ISSN 0024-6115 (print), 1460-244X (electronic). URL `http://onlinelibrary.wiley.com/doi/10.1112/plms/s1-3.1.269/full`.

ClerkMaxwell:1871:RMC

[Cle71f] James Clerk Maxwell. Remarks on the mathematical classification of physical quantities. *Proceedings of the London Mathematical Society. First Series*, s1-3:224–232, March 9, 1871. CODEN PLMTAL. ISSN 0024-6115 (print), 1460-244X (electronic). URL `http://onlinelibrary.wiley.com/doi/10.1112/plms/s1-3.1.224/abstract`.

ClerkMaxwell:1871:TH

[Cle71g] James Clerk Maxwell. *Theory of Heat*. Longmans, Green, and Co., London, UK, 1871. xii + 312 pp. LCCN ???? URL `https://hdl.handle.net/2027/nyp.33433057781498; https://hdl.handle.net/2027/nyp.33433069099806`.

ClerkMaxwell:1871:TEM

[Cle71h] James Clerk Maxwell. *A Treatise on Electricity and Magnetism*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 1871.

ClerkMaxwell:1872:RFFa

[Cle72a] James Clerk Maxwell. 1. On reciprocal figures, frames, and diagrams of forces [abstract only]. *Proceedings of the Royal Society of Edinburgh*, 7:53–56, 1872. CODEN PRSEAE. ISSN 0080-4541 (print), 2053-5902 (electronic). Printed in full in [Cle72f].

ClerkMaxwell:1872:BSS

[Cle72b] James Clerk Maxwell. 5. On a bow seen on the surface of ice. *Proceedings of the Royal Society of Edinburgh*, 7:69, 1872. CODEN PRSEAE. ISSN 0080-4541 (print), 2053-5902 (electronic).

ClerkMaxwell:1872:GMDa

[Cle72c] James Clerk Maxwell. 6. On geometric mean distance. *Proceedings of the Royal Society of Edinburgh*, 7:613, 1872. CODEN PRSEAE. ISSN 0080-4541 (print), 2053-5902 (electronic).

ClerkMaxwell:1872:APF

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ClerkMaxwell:1872:CV

[Cle72e] James Clerk Maxwell. On colour vision. *Proceedings of the Royal Institution of Great Britain*, 6(??):260–271, ???? 1872. CODEN PIGBAI. ISSN 0035-8959.

ClerkMaxwell:1872:RFFb

[Cle72f] James Clerk Maxwell. On reciprocal figures, frames, and diagrams of forces. *Transactions of the Royal Society of Edinburgh*, 26(1):1–40 + plates I–III, ???? 1872. CODEN TRSEAO. ISSN 0080-4568 (print), 2053-5945 (electronic). URL `https://hdl.handle.net/2027/umn.31951d00649878j?urlappend=%3Bseq=31`.

ClerkMaxwell:1872:CTF

[Cle72g] James Clerk Maxwell. On the condition that, in the transformation of any figure by curvilinear coordinates in three dimensions, every angle in the new figure shall be equal to the corresponding angle in the original figure. *Proceedings of the London Mathematical Society. First Series*, s1-4:117–119, May 9, 1872. CODEN PLMTAL. ISSN 0024-6115 (print), 1460-244X (electronic). URL `http://onlinelibrary.wiley.com/doi/10.1112/plms/s1-4.1.117/full`.

ClerkMaxwell:1872:GMDb

[Cle72h] James Clerk Maxwell. On the geometrical mean distance of two figures in a plane. *Transactions of the Royal Society of Edinburgh*, 26:729–

733, 1872. CODEN TRSEAO. ISSN 0080-4568 (print), 2053-5945 (electronic).

ClerkMaxwell:1872:IEC

[Cle72i] James Clerk Maxwell. On the induction of electric currents in an infinite plane sheet of uniform conductivity. *Proceedings of the Royal Society of London*, 20(??):160–168, ???? 1872. CODEN PRSLAZ. ISSN 0370-1662 (print), 2053-9126 (electronic).

ClerkMaxwell:1872:THa

[Cle72j] James Clerk Maxwell. *Theory of Heat*. D. Appleton and Co., New York, NY, USA, 1872. xii + 312 pp. LCCN ????

ClerkMaxwell:1872:THb

[Cle72k] James Clerk Maxwell. *Theory of Heat*. Longmans, Green, and Co., London, UK, second edition, 1872. xii + 312 pp. LCCN ???? URL `https://hdl.handle.net/2027/hvd.32044009528449; https://hdl.handle.net/2027/mdp.39015005777670; https://hdl.handle.net/2027/uc1.c039633434`.

ClerkMaxwell:1872:THc

[Cle72l] James Clerk Maxwell. *Theory of Heat*. Longmans, Green, and Co., London, UK, third edition, 1872. xii + 313 pp. LCCN ???? URL `https://babel.hathitrust.org/cgi/pt?id=mdp.39015064437489%3Bview=1up%3Bseq=7; https://hdl.handle.net/2027/mdp.39015064437489`.

ClerkMaxwell:1872:THd

[Cle72m] James Clerk Maxwell. *Theory of Heat*. Longmans, Green, and Co., London, UK, fourth edition, 1872. xii + 333 pp. LCCN ???? URL `https://hdl.handle.net/2027/umn.319510005598689`.

ClerkMaxwell:1873:FSSa

[Cle73a] James Clerk Maxwell. 0n the final state of a system of molecules subject to forces of any kind. In *Report of 1873 to the British Association*, page ???? ????, ????, 1873.

ClerkMaxwell:1873:BREb

[Cle73b] James Clerk Maxwell. Book review: *An essay on the mathematical principles of physics*. By the Rev. James Challis, M.A., &c. *Nature*, 8(197):279–280, August 7, 1873. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `https://www.nature.com/nature/journal/v8/n197/pdf/008279a0.pdf`.

ClerkMaxwell:1873:BREa

[Cle73c] James Clerk Maxwell. Book review: *Elements of natural philosophy*. By Professors Sir W. Thomson and P. G. Tait. *Nature*, 7 (178):399–400, March 27, 1873. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v7/n178/pdf/007399a0.pdf`.

ClerkMaxwell:1873:BRR

[Cle73d] James Clerk Maxwell. Book review: *Reprint of Papers on electrostatics and magnetism*. By Sir W. Thomson. *Nature*, 7(169):218–221, January 23, 1873. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `https://www.nature.com/nature/journal/v7/n169/pdf/007218a0.pdf`.

ClerkMaxwell:1873:CMK

[Cle73e] James Clerk Maxwell. Clerk-Maxwell's kinetic theory of gases. *Nature*, 8(187):85, May 29, 1873. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `https://www.nature.com/nature/journal/v8/n187/pdf/008085a0.pdf`.

ClerkMaxwell:1873:LDM

[Cle73f] James Clerk Maxwell. LX. A discourse on molecules. *Philosophical Magazine (Series 4 (1851–1875))*, 46(308):453–469, ???? 1873. ISSN 0031-8086. URL `http://www.tandfonline.com/doi/abs/10.1080/14786447308640975`.

ClerkMaxwell:1873:MM

[Cle73g] James Clerk Maxwell. *Matter and Motion*. Society for Promoting Christian Knowledge, London, UK, 1873. ???? pp. LCCN ????

ClerkMaxwell:1873:M

[Cle73h] James Clerk Maxwell. Molecules. *Nature*, 8(204):437–441, September 25, 1873. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `https://www.nature.com/nature/journal/v8/n204/pdf/008437a0.pdf`.

ClerkMaxwell:1873:PCV

[Cle73i] James Clerk Maxwell. On a problem in the calculus of variations, in which the solution is discontinuous. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 2:294–295, 1873. CODEN PCPSA4. ISSN 0008-1981.

ClerkMaxwell:1873:LED

[Cle73j] James Clerk Maxwell. On Loschmidt's experiments on diffusion in relation to the kinetic theory of gases. *Nature*, 8(198):298–300, August 14, 1873. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v8/n198/pdf/008298a0.pdf`.

ClerkMaxwell:1873:ERB

[Cle73k] James Clerk Maxwell. On the elementary relations between electrical measurements. In Fleeming Jenkin, editor, *Reports of the Committee on Electrical Standards*, pages 59–96. [British Association??], London, UK, 1873. LCCN ????

ClerkMaxwell:1873:ETG

[Cle73l] James Clerk Maxwell. On the equilibrium of temperature of a gaseous column subjected to gravity. *Nature*, 8(208):527–528, October 23, 1873. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v8/n208/pdf/008527b0.pdf`.

ClerkMaxwell:1873:FSSb

[Cle73m] James Clerk Maxwell. On the final state of a system of molecules in motion subject to forces of any kind. *Nature*, 8(208):537–538, October 23, 1873. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v8/n208/pdf/008537a0.pdf`.

ClerkMaxwell:1873:FLR

[Cle73n] James Clerk Maxwell. On the focal lines of a refracted pencil. *Proceedings of the London Mathematical Society. First Series*, s1-4:337–341, April 10, 1873. CODEN PLMTAL. ISSN 0024-6115 (print), 1460-244X (electronic). URL `http://onlinelibrary.wiley.com/doi/10.1112/plms/s1-4.1.337/full`.

ClerkMaxwell:1873:PEM

[Cle73o] James Clerk Maxwell. On the proof of the equations of motion of a connected system. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 2:292–294, 1873. CODEN PCPSA4. ISSN 0008-1981.

ClerkMaxwell:1873:TSE

[Cle73p] James Clerk Maxwell. On the theory of a system of electrified conductors, and other physical theories involving homogeneous quadratic functions. *Proceedings of the London Mathematical Society. First Series*, s1-4:334–336, April 10, 1873. CODEN PLMTAL. ISSN 0024-6115 (print), 1460-244X (electronic). URL http://onlinelibrary.wiley.com/doi/10.1112/plms/s1-4.1.334/full.

ClerkMaxwell:1873:PRC

[Cle73q] James Clerk Maxwell. Preliminary report of the Committee on Siemens's electrical pyrometer. *Report of the British Association for the Advancement of Science*, ??(??):134–135, ?? 1873. Read at Brighton, August 1872.

ClerkMaxwell:1873:QRP

[Cle73r] James Clerk Maxwell. Quaternions: [review of Philip Kelland and Peter Guthrie Tait's *Introduction to Quaternions*, London (1873)]. *Nature*, 9(217):137–138, December 25, 1873. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

ClerkMaxwell:1873:SWF

[Cle73s] James Clerk Maxwell. Scientific worthies: [Faraday]. *Nature*, 8 (203):397–399, September 11, 1873. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL https://www.nature.com/nature/journal/v8/n203/pdf/008397a0.pdf.

ClerkMaxwell:1873:TEM

[Cle73t] James Clerk Maxwell. *A Treatise on Electricity and Magnetism*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 1873. xxxi + 1 + 464 + I–XIII (vol. 1), xxiii + 1 + 456 + XIV–XX + 32 (vol. 2) pp. URL https://hdl.handle.net/2027/uva.x002226063. Preface dated: 1 February 1873.

ClerkMaxwell:1874:BRCb

[Cle74a] James Clerk Maxwell. Book review: *Over de continuiteit van den gas- en vloeistofiocstand: Academisch proefschrift*. Door Johannes Diderik van der Waals. (Dutch) [On the continuity of the gas and liquid state: Academic thesis]. *Nature*, 10(259):477–480, October 15, 1874. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL https://www.nature.com/nature/journal/v10/n259/pdf/010477a0.pdf.

ClerkMaxwell:1874:BRCa

[Cle74b] James Clerk Maxwell. Book review: *The Correlation of Physical Forces*. Sixth edition. *Nature*, 10(251):302–304, August 20,

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ClerkMaxwell:1874:BRG

[Cle74c] James Clerk Maxwell. Book review: Grove's *Correlation of Physical Forces*, sixth edition. *Nature*, 10(251):302–304, August 20, 1874. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL https://www.nature.com/nature/journal/v10/n251/pdf/010302a0.pdf.

ClerkMaxwell:1874:BRP

[Cle74d] James Clerk Maxwell. Book review: Plateau on soap-bubbles: *Statique expérimentale et théorique des Liquides soumis aux seules Forces moléculaires*. *Nature*, 10(242):119–212, June 11, 1874. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL https://www.nature.com/nature/journal/v10/n242/pdf/010119a0.pdf.

ClerkMaxwell:1874:DRVb

[Cle74e] James Clerk Maxwell. Double refraction in a viscous fluid in motion. *Annales de Chimie et de Physique*, ??(??):??, ???? 1874. CODEN ACPHAA. ISSN 0365-1444 (print), 2437-3621 (electronic). Reprint of [Cle74f].

ClerkMaxwell:1874:DRVa

[Cle74f] James Clerk Maxwell. On double refraction in a viscous fluid in motion. *Proceedings of the Royal Society of London*, 22(??):46–47, ???? 1874. CODEN PRSLAZ. ISSN 0370-1662 (print), 2053-9126 (electronic).

ClerkMaxwell:1874:HCF

[Cle74g] James Clerk Maxwell. On Hamilton's characteristic function for a narrow beam of light. *Proceedings of the London Mathematical Society. First Series*, s1-6:182–190, January 8, 1874. CODEN PLMTAL. ISSN 0024-6115 (print), 1460-244X (electronic). URL http://onlinelibrary.wiley.com/doi/10.1112/plms/s1-6.1.182/full.

ClerkMaxwell:1874:AKR

[Cle74h] James Clerk Maxwell. On the application of Kirchhoff's rules for electric circuits to the solution of a geometrical problem. *Nature*, 10(255):411, September 17, 1874. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL https://www.nature.com/nature/journal/v10/n255/pdf/010410a0.pdf.

ClerkMaxwell:1874:RGO

[Cle74i] James Clerk Maxwell. On the relation of geometrical optics to other parts of mathematics and physics. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 2:338–340, 1874. CODEN PCPSA4. ISSN 0008-1981.

ClerkMaxwell:1874:SRC

[Cle74j] James Clerk Maxwell. Sixth report of the Committee for the purpose of investigating the rate of increase of underground temperature downwards in various localities, of dry land and under water. *Report of the British Association for the Advancement of Science*, ?? (??):252–256, ???? 1874.

ClerkMaxwell:1874:SET

[Cle74k] James Clerk Maxwell. Statique expérimentale et théorique des liquides soumis aux seules forces moléculaires. (French) [Experimental and theoretical statics of liquids subject only to molecular strengths]. *Nature*, 10(242):119–121, June 18, 1874. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v10/n242/pdf/010119a0.pdf`.

ClerkMaxwell:1875:Aa

[Cle75a] James Clerk Maxwell. Atom. In *Encyclopaedia Britannica*, volume 3, pages 36–49. ????, ????, ninth edition, 1875. LCCN ????

ClerkMaxwell:1875:Ab

[Cle75b] James Clerk Maxwell. Attraction. In *Encyclopaedia Britannica*, volume 3, pages 63–65. ????, ????, ninth edition, 1875. LCCN ????

ClerkMaxwell:1875:AD

[Cle75c] James Clerk Maxwell. On action at a distance. *Proceedings of the Royal Institution of Great Britain*, 7(??):44–54, ???? 1875. CODEN PIGBAI. ISSN 0035-8959.

ClerkMaxwell:1875:AHC

[Cle75d] James Clerk Maxwell. On the application of Hamilton's characteristic function to the theory of an optical instrument symmetrical about its axis. *Proceedings of the London Mathematical Society. First Series*, s1-6:117–122, April 8, 1875. CODEN PLMTAL. ISSN 0024-6115 (print), 1460-244X (electronic). URL `http://onlinelibrary.wiley.com/doi/10.1112/plms/s1-6.1.117/full`.

ClerkMaxwell:1875:AKR

[Cle75e] James Clerk Maxwell. On the application of Kirchhoff's rules for electric circuits to the solution of a geometrical problem. *Report of the British Association for the Advancement of Science*, ??(??):18–19, ???? 1875.

ClerkMaxwell:1875:DEMa

[Cle75f] James Clerk Maxwell. On the dynamical evidence of the molecular constitution of bodies. *Nature*, 11(279):357–359, March 4, 1875. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL https://www.nature.com/nature/journal/v11/n279/pdf/011357a0.pdf.

ClerkMaxwell:1875:DEMb

[Cle75g] James Clerk Maxwell. On the dynamical evidence of the molecular constitution of bodies. *Nature*, 11(280):374–377, March 11, 1875. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL https://www.nature.com/nature/journal/v11/n280/pdf/011374a0.pdf.

ClerkMaxwell:1875:DEMc

[Cle75h] James Clerk Maxwell. On the dynamical evidence of the molecular constitution of bodies. *Journal of the Chemical Society*, 13(??):493–508, ???? 1875. CODEN JCSOA9. ISSN 0368-1769 (print), 2050-5574 (electronic).

ClerkMaxwell:1875:THa

[Cle75i] James Clerk Maxwell. *Theory of Heat*. Longmans, Green, and Co., London, UK, fourth edition, 1875. xii + 333 pp. LCCN ???? URL https://hdl.handle.net/2027/nyp.33433090920426.

ClerkMaxwell:1875:THb

[Cle75j] James Clerk Maxwell. *Theory of Heat*. D. Appleton and Co., New York, NY, USA, fourth edition, 1875. xii + 333 pp. LCCN ????

ClerkMaxwell:1876:BRW

[Cle76a] James Clerk Maxwell. Book review: Whewell's writings and correspondence: Isaac Todhunter. *William Whewell, master of Trinity College, Cambridge. An account of his writings with selections from his literary and scientific correspondence*. London, 1876. 2 vols. *Nature*, 14(349):206–208, July 6, 1876. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL https://www.nature.com/nature/journal/v14/n349/pdf/014206a0.pdf.

ClerkMaxwell:1876:BA

[Cle76b] James Clerk Maxwell. The British Association. *Nature*, 14(361): 479, September 28, 1876. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `https://www.nature.com/nature/journal/v14/n361/pdf/014476a0.pdf`.

ClerkMaxwell:1876:CA

[Cle76c] James Clerk Maxwell. Capillary action. In *Encyclopaedia Britannica*, volume 5, pages 56–71. ????, ????, ninth edition, 1876. LCCN ????

ClerkMaxwell:1876:GCC

[Cle76d] James Clerk Maxwell. General considerations concerning scientific apparatus. In ????, editor, *South Kensington Museum. Handbook to the special loan collection of scientific apparatus*, pages 1–21. ????, London, UK, 1876.

ClerkMaxwell:1876:MM

[Cle76e] James Clerk Maxwell. *Matter and Motion*. Manuals of elementary science. Society for Promoting Christian Knowledge, London, UK, 1876. viii + 128 pp.

ClerkMaxwell:1876:MPI

[Cle76f] James Clerk Maxwell. Molecular physics — instruments connected with fluids. In ????, editor, *South Kensington Museum. Handbook to the special loan collection of scientific apparatus*, pages 87–92. ????, London, UK, 1876.

ClerkMaxwell:1876:PCV

[Cle76g] James Clerk Maxwell. On a problem in the calculus of variations in which the solution is discontinuous. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 2 (part xiv) (??):294–295, ???? 1876. CODEN PCPSA4. ISSN 0008-1981.

ClerkMaxwell:1876:BMD

[Cle76h] James Clerk Maxwell. On Bow's method of drawing diagrams in graphical statics with illustrations from Peaucellier's linkage. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 2 (part xvii):407–414, 1876. CODEN PCPSA4. ISSN 0008-1981.

ClerkMaxwell:1876:CME

[Cle76i] James Clerk Maxwell. On the centre of motion of the eye. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical* *sciences*, 2 (part xv)(??):365–366, ???? 1876. CODEN PCPSA4. ISSN 0008-1981.

ClerkMaxwell:1876:EHSa

[Cle76j] James Clerk Maxwell. On the equilibrium of heterogeneous substances. In ????, editor, *[Proceedings of the South Kensington Conferences in Connexion with the Loan Collection of Scientific Apparatus]*, pages 144–150. ????, ????, 1876. Address [on Professor Willard Gibbs' Thermodynamic formulation for coexistent phases] delivered on 24 May 1876.

ClerkMaxwell:1876:EHSb

[Cle76k] James Clerk Maxwell. On the equilibrium of heterogeneous substances. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 2:427–430, 1876. CODEN PCPSA4. ISSN 0008-1981. Address delivered on 24th May 1876 at the South Kensington Museum, Conferences held in connection with the Special Loan Collection of Scientific Apparatus.

ClerkMaxwell:1876:PEM

[Cle76l] James Clerk Maxwell. On the proof of the equations of motion of a connected system. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 2 (part xiv)(??):292–294, ???? 1876. CODEN PCPSA4. ISSN 0008-1981.

ClerkMaxwell:1876:SEP

[Cle76m] James Clerk Maxwell. On the solution of electrical problems by the transformation of conjugate functions. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 2 (part xiii)(??):242–243, ???? 1876. CODEN PCPSA4. ISSN 0008-1981.

ClerkMaxwell:1876:RAP

[Cle76n] James Clerk Maxwell. Recent advances in physical science. *Nature*, 13(337):461–463, April 13, 1876. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `https://www.nature.com/nature/journal/v13/n337/pdf/013461b0.pdf`.

ClerkMaxwell:1876:TEI

[Cle76o] James Clerk Maxwell. Theory of electrical induction. *Nature*, 14 (341):27–28, May 11, 1876. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `https://www.nature.com/nature/journal/v14/n341/pdf/014027b0.pdf`.

ClerkMaxwell:1876:DGD

[Cle76p] James Clerk Maxwell. Ueber die Diffusion der Gase durch absorbierende Substanzen. (German) [On the diffusion of gases by absorbing substances]. *Nature*, 14(341):24–25, May 11, 1876. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `https://www.nature.com/nature/journal/v14/n341/pdf/014024a0.pdf`.

ClerkMaxwell:1877:BRT

[Cle77a] James Clerk Maxwell. Book review: *A Treatise on the Kinetic Theory of Gases*, by William Henry Watson. *Nature*, 16(404):242–246, July 26, 1877. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `https://www.nature.com/nature/journal/v16/n404/pdf/016242a0.pdf`.

ClerkMaxwell:1877:CB

[Cle77b] James Clerk Maxwell. Constitution of bodies. In *Encyclopaedia Britannica*, volume 6, pages 310–313. ????, ????, ninth edition, 1877. LCCN ????

ClerkMaxwell:1877:Da

[Cle77c] James Clerk Maxwell. Diagrams. In *Encyclopaedia Britannica*, volume 7, pages 149–153. ????, ????, ninth edition, 1877. LCCN ????

ClerkMaxwell:1877:Db

[Cle77d] James Clerk Maxwell. Diffusion. In *Encyclopaedia Britannica*, volume 7, pages 214–221. ????, ????, ninth edition, 1877. LCCN ????

ClerkMaxwell:1877:ESW

[Cle77e] James Clerk Maxwell. Editorial: Scientific worthies. *Nature*, 15 (384):389–391, March 8, 1877. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `https://www.nature.com/nature/journal/v15/n384/pdf/015389a0.pdf`.

ClerkMaxwell:1877:PTA

[Cle77f] James Clerk Maxwell. On a paradox in the theory of attraction. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 3:34–39, 1877. CODEN PCPSA4. ISSN 0008-1981.

ClerkMaxwell:1877:AMI

[Cle77g] James Clerk Maxwell. On approximate multiple integration between limits of summation. *Proceedings of the Cambridge Philosophical So-*

ciety. Mathematical and physical sciences, 3:39–47, 1877. CODEN PCPSA4. ISSN 0008-1981.

ClerkMaxwell:1877:EHS

[Cle77h] James Clerk Maxwell. On the equilibrium of heterogeneous substances. In *South Kensington Museum. Conferences held in connection with the Special Loan Collection of Scientific Apparatus. 1876. (Volume 1.)*, pages 145–150. Chapman and Hall [for the Lords of the Committee of Council on Education], Piccadilly, London, UK, 1877.

ClerkMaxwell:1877:PBL

[Cle77i] James Clerk Maxwell. On the protection of buildings from lightning. *Report of the British Association for the Advancement of Science*, ?? (??):43–45, ???? 1877.

ClerkMaxwell:1877:SWH

[Cle77j] James Clerk Maxwell. Scientific worthies: Hermann Ludwig Ferdinand Helmholtz. *Nature*, 15(384):389–391, March 3, 1877. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `https://www.nature.com/nature/journal/v15/n384/pdf/015389a0.pdf`.

ClerkMaxwell:1877:TWJ

[Cle77k] James Clerk Maxwell. *Theorie der Wärme von J. C. Maxwell.* Maruschke & Berendt, Breslau, Germany, 1877. xii + 324 pp. LCCN ???? German translation by F. Auerbach of [Cle75i].

ClerkMaxwell:1877:TH

[Cle77l] James Clerk Maxwell. *Theory of Heat.* ????, ????, fifth edition, 1877. xii + 333 pp. LCCN ????

ClerkMaxwell:1878:BRP

[Cle78a] James Clerk Maxwell. Book review: *Paradoxical Philosophy*, A Sequel to the "*Unseen Universe*". *Nature*, 19(477):141–143, December 19, 1878. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `https://www.nature.com/nature/journal/v19/n477/pdf/019141a0.pdf`.

ClerkMaxwell:1878:BRTa

[Cle78b] James Clerk Maxwell. Book review: Tait's *Thermodynamics*. *Nature*, 17(431):257–259, January 31, 1878. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `https://www.nature.com/nature/journal/v17/n431/pdf/017257a0.pdf`.

ClerkMaxwell:1878:BRTb

[Cle78c] James Clerk Maxwell. Book review: Tait's *Thermodynamics*. *Nature*, 17(432):278–280, February 7, 1878. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL https://www.nature.com/nature/journal/v17/n432/pdf/017278a0.pdf.

ClerkMaxwell:1878:E

[Cle78d] James Clerk Maxwell. Ether. In *Encyclopaedia Britannica*, volume 8, pages 568–572. ????, ????, ninth edition, 1878. LCCN ????

ClerkMaxwell:1878:MM

[Cle78e] James Clerk Maxwell. *Matter and Motion*. D. Van Nostrand, New York, NY, USA, 1878. viii + 9–224 pp. URL https://hdl.handle.net/2027/hvd.32044019356450; https://hdl.handle.net/2027/mdp.39015031226510; https://hdl.handle.net/2027/mdp.39015049745477.

ClerkMaxwell:1878:SRGb

[Cle78f] James Clerk Maxwell. On stresses in rarefied gases arising from inequalities of temperature. *Proceedings of the Royal Society of London*, 27:304–308, 1878. CODEN PRSLAZ. ISSN 0370-1662 (print), 2053-9126 (electronic).

ClerkMaxwell:1878:SRGa

[Cle78g] James Clerk Maxwell. On stresses in rarefied gases arising from inequalities of temperature [abstract only]. *Nature*, 18(445):54–55, September 9, 1878. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL https://www.nature.com/nature/journal/v18/n445/pdf/018054a0.pdf. Full paper in [Cle79g].

ClerkMaxwell:1878:ECL

[Cle78h] James Clerk Maxwell. On the electrical capacity of a long narrow cylinder, and of a disk of sensible thickness. *Proceedings of the London Mathematical Society. First Series*, s1-9:94–102, March 14, 1878. CODEN PLMTAL. ISSN 0024-6115 (print), 1460-244X (electronic). URL http://onlinelibrary.wiley.com/doi/10.1112/plms/s1-9.1.94/full.

ClerkMaxwell:1878:Tb

[Cle78i] James Clerk Maxwell. The Rede lecture: The telephone. *Nature*, 18 (449):159–163, June 6, 1878. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL https://www.nature.com/nature/journal/v18/n449/pdf/018159a0.pdf. Sir Robert Rede lecture.

ClerkMaxwell:1878:Ta

[Cle78j] James Clerk Maxwell. The telephone. *The Electrician: the Oldest Weekly Illustrated Journal of Electrical Engineering, Industry, Science and Finance*, 1(??):16–17, 29–??, June 1, 1878. CODEN ELETAU. ISSN 0367-0805. Sir Robert Rede lecture.

ClerkMaxwell:1878:TWG

[Cle78k] James Clerk Maxwell. *Theorie der Wärme. (German) [Theory of Heat]*. Friedrich Vieweg und Sohn, Braunschweig, Germany, 1878. German translation by F. Neesen of [Cle72l].

ClerkMaxwell:1879:BRG

[Cle79a] James Clerk Maxwell. Book review: (Guthrie's physics) *Practical physics, molecular physics, and sound*. By Frederick Guthrie. *Nature*, 19(484):311–312, February 6, 1879. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL https://www.nature.com/nature/journal/v19/n484/pdf/019311a0.pdf.

ClerkMaxwell:1879:BRT

[Cle79b] James Clerk Maxwell. Book review: Thomson and Tait's *Natural Philosophy*. *Nature*, 20(505):213–216, July 3, 1879. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL https://www.nature.com/nature/journal/v20/n505/pdf/020213a0.pdf.

ClerkMaxwell:1879:ERH

[Cle79c] James Clerk Maxwell. *The electrical researches of the Honourable Henry Cavendish, F.R.S.: written between 1771 and 1781, edited from the original manuscripts in the possession of the Duke of Devonshire, K.G.* Cambridge University Press, Cambridge, UK, 1879. lxvi + 454 pp. LCCN ???? URL http://catalog.hathitrust.org/api/volumes/oclc/320238869.html.

ClerkMaxwell:1879:Fa

[Cle79d] James Clerk Maxwell. Faraday. In *Encyclopaedia Britannica*, volume 9, pages 29–31. ????, ????, ninth edition, 1879. LCCN ????

ClerkMaxwell:1879:Fb

[Cle79e] James Clerk Maxwell. Faraday. In *Encyclopaedia Britannica*, volume 10, pages 173–175. ????, ????, ninth edition, 1879. LCCN ????

ClerkMaxwell:1879:BTA

[Cle79f] James Clerk Maxwell. On Boltzmann's theorem on the average distribution of energy in a system of material points. *Transactions of the Cambridge Philosophical Society*, 12(??):549–570, ???? 1879.

ClerkMaxwell:1879:SRG

[Cle79g] James Clerk Maxwell. On the stresses in rarefied gases arising from inequalities in temperature. *Philosophical transactions of the Royal Society of London*, 170 (part i)(??):231–256, ???? 1879. CODEN PTRSAV. ISSN 0370-2316 (print), 2053-9207 (electronic). Appendix (pages 249–256) added May 1879. See [BE69] for the history of the explanation in this article of how a radiometer works.

ClerkMaxwell:1879:PPM

[Cle79h] James Clerk Maxwell. Practical physics, molecular physics, and sound. *Nature*, 19(484):311–312, February 6, 1879. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `https://www.nature.com/nature/journal/v19/n484/pdf/019311a0.pdf`.

ClerkMaxwell:1879:RSB

[Cle79i] James Clerk Maxwell. Reports on special branches of science. *Report of the British Association for the Advancement of Science*, pages 37–38, 1879. In *Report of the Committee appointed for the purpose of endeavouring to procure reports on the progress of the chief branches of mathematics and physics*.

ClerkMaxwell:1879:SBG

[Cle79j] James Clerk Maxwell. *Substanz und Bewegung. (German) [Matter and Motion]*. Friedrich Vieweg und Sohn, Braunschweig, Germany, 1879. xiv + 144 pp. LCCN QC73 M53 1879. URL `http://pi.lib.uchicago.edu/1001/dig/pres/2015-0839`.

ClerkMaxwell:1880:HA

[Cle80a] James Clerk Maxwell. Harmonic analysis. In *Encyclopaedia Britannica*, volume 11, pages 481–482. ????, ????, ninth edition, 1880. LCCN ????

ClerkMaxwell:1880:PTA

[Cle80b] James Clerk Maxwell. On a paradox in the theory of attraction. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 3 (part i)(??):34–39, ???? 1880. CODEN PCPSA4. ISSN 0008-1981.

ClerkMaxwell:1880:AMI

[Cle80c] James Clerk Maxwell. On approximate multiple integration between limits by summation. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 3 (part i)(??):39–49, 1880. CODEN PCPSA4. ISSN 0008-1981.

ClerkMaxwell:1880:SAP

[Cle80d] James Clerk Maxwell. Societies and academies: On a possible mode of detecting a motion of the solar system through the luminiferous ether. *Nature*, 21(535):314–315, January 29, 1880. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL https://www.nature.com/nature/journal/v21/n535/pdf/021314a0.pdf. Letter to Mr D. P. Todd, Director of the Nautical Almanac Office, Washington, U.S. Communicated by Prof. Stoke, Sec. R.S. Letter is dated: Cavendish Laboratory, Cambridge, 19th March, 1879.

ClerkMaxwell:1880:TH

[Cle80e] James Clerk Maxwell. *Theory of Heat*. Longmans, Green, and Co., London, UK, sixth edition, 1880. xii + 333 pp. LCCN ???? URL https://hdl.handle.net/2027/uc1.c047124312.

ClerkMaxwell:1881:ETE

[Cle81a] James Clerk Maxwell. *An Elementary Treatise on Electricity*. Clarendon Press, New York, NY, USA, 1881. xvi + 208 pp. LCCN ???? URL https://hdl.handle.net/2027/hvd.32044080810559. Edited by William Garnett.

ClerkMaxwell:1881:SBG

[Cle81b] James Clerk Maxwell. *Substanz und Bewegung. (German) [Matter and Motion]*. Friedrich Vieweg und Sohn, Braunschweig, Germany, 1881. ???? pp. LCCN QC73 M53 1881. URL http://pi.lib.uchicago.edu/1001/dig/pres/2015-0839.

ClerkMaxwell:1881:TEM

[Cle81c] James Clerk Maxwell. *A Treatise on Electricity and Magnetism*. Clarendon Press, New York, NY, USA, second edition, 1881. xiv + 493 (vol. 1), xiv + 471 (vol. 2) pp. URL https://hdl.handle.net/2027/hvd.yl11wt; https://hdl.handle.net/2027/hvd.yl11wu. Edited by William Davidson Niven.

ClerkMaxwell:1882:TRA

[Cle82a] James Clerk Maxwell. Are there real analogies in nature? In *The Life of James Clerk Maxwell: with a selection from his correspondence* *and occasional writings, and a sketch of his contributions to science* [CG82], pages 235–244. LCCN QC16.M4 C2 1882. URL https://archive.org/details/lifejamesclerkm01garngoog; https://www.biodiversitylibrary.org/item/71775.

ClerkMaxwell:1882:DPP

[Cle82b] James Clerk Maxwell. Does the progress of physical science tend to give any advantage to the opinion of necessity (or determinism) over that of the contingency of events and the freedom of the will?' (science and free will.). In *The Life of James Clerk Maxwell: with a selection from his correspondence and occasional writings, and a sketch of his contributions to science* [CG82], pages 434–444. LCCN QC16.M4 C2 1882. URL https://archive.org/details/lifejamesclerkm01garngoog; https://www.biodiversitylibrary.org/item/71775.

ClerkMaxwell:1882:MAP

[Cle82c] James Clerk Maxwell. On modified aspects of pain. In *The Life of James Clerk Maxwell: with a selection from his correspondence and occasional writings, and a sketch of his contributions to science* [CG82], pages 444–452. LCCN QC16.M4 C2 1882. URL https://archive.org/details/lifejamesclerkm01garngoog; https://www.biodiversitylibrary.org/item/71775.

ClerkMaxwell:1882:P

[Cle82d] James Clerk Maxwell. Psychophysik. In *The Life of James Clerk Maxwell: with a selection from his correspondence and occasional writings, and a sketch of his contributions to science* [CG82], pages 452–463. LCCN QC16.M4 C2 1882. URL https://archive.org/details/lifejamesclerkm01garngoog; https://www.biodiversitylibrary.org/item/71775.

ClerkMaxwell:1883:LEM

[Cle83a] James Clerk Maxwell. *Lehrbuch der Electricität und des Magnetismus. (German) [Treatise on Electricity and Magnetism]*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1883. xx + 555 (vol. 1), xiv + 637 (vol. 2) pp. URL https://hdl.handle.net/2027/hvd.32044079972188; https://hdl.handle.net/2027/hvd.32044091959031. Two volumes. Translation to German by Dr. B. [or P.??] Weinstein.

ClerkMaxwell:1883:TH

[Cle83b] James Clerk Maxwell. *Theory of Heat*. ????, ????, seventh edition, 1883. ???? pp. LCCN ????

ClerkMaxwell:1884:TEM

[Cle84] James Clerk Maxwell. *Traité d'électricité et de magnetisme. (French) [Treatise on Electricity and Magnetism]*. ????, ????, 1884. ???? pp. LCCN ???? French translation by Gustave Richard, with preface by William Garnett on the Professor Maxwell's works on electricity.

ClerkMaxwell:1885:PS

[Cle85a] James Clerk Maxwell. Physical sciences. In *Encyclopaedia Britannica*, volume ??, page ?? ????, ????, ninth edition, 1885. LCCN ????

ClerkMaxwell:1885:TH

[Cle85b] James Clerk Maxwell. *Theory of Heat*. ????, ????, eighth edition, 1885. ???? pp. LCCN ????

ClerkMaxwell:1885:TEM

[Cle85c] James Clerk Maxwell. *Traité d'électricité et de magnetisme. (French) [Treatise on Electricity and Magnetism]*, volume 1. Gauthier-Villars, Paris, France, 1885. xx + 578 pp. LCCN ???? URL `https://hdl.handle.net/2027/mdp.39015030994100; https://hdl.handle.net/2027/mdp.39015030994118`. First of two volumes. French translation by G. Séligmann-Lui of the second edition. With notes and clarifications by MM. Cornu, Potier, adn Sarrau, Professors at l'École Polytechnique.

ClerkMaxwell:1888:ETE

[Cle88a] James Clerk Maxwell. *An Elementary Treatise on Electricity*. ????, London, UK, second edition, 1888. ???? pp. LCCN ???? Edited by William Garnett.

ClerkMaxwell:1888:MM

[Cle88b] James Clerk Maxwell. *Matter and Motion*. Cambridge University Press, Cambridge, UK, 1888. ISBN 0-511-70932-3. ???? pp.

ClerkMaxwell:1888:TH

[Cle88c] James Clerk Maxwell. *Theory of Heat*. Longmans, Green, and Co., London, UK, ninth edition, 1888. xii + 333 pp. LCCN ???? URL `https://hdl.handle.net/2027/mdp.39015002183815`.

ClerkMaxwell:1889:TEM

[Cle89] James Clerk Maxwell. *Traité d'électricité et de magnetisme. (French) [Treatise on Electricity and Magnetism]*, volume 2. Gauthier-Villars, Paris, France, 1889. 651 pp. LCCN ???? URL https://hdl.handle.net/2027/mdp.39015030994100; https://hdl.handle.net/2027/mdp.39015030994118. Second of two volumes. French translation by G. Séligmann-Lui of the second edition. With notes and clarifications by MM. Cornu, Potier, adn Sarrau, Professors at l'École Polytechnique.

ClerkMaxwell:1890:E

[Cle90a] James Clerk Maxwell. Ether. In Niven [Niv90a], pages 2:763–2:775. URL http://www.archive.org/download/scientificpapers01maxwuoft/scientificpapers01maxwuoft.pdf; http://www.biodiversitylibrary.org/item/59553; https://hdl.handle.net/2027/umn.31951p011043735.

ClerkMaxwell:1890:IDT

[Cle90b] James Clerk Maxwell. Illustrations of the dynamical theory of gases. In Niven [Niv90a], pages 1:377–1:409. URL http://www.archive.org/download/scientificpapers01maxwuoft/scientificpapers01maxwuoft.pdf; http://www.biodiversitylibrary.org/item/59553; https://hdl.handle.net/2027/umn.31951p011043735.

ClerkMaxwell:1890:ILA

[Cle90c] James Clerk Maxwell. Inaugural lecture, Aberdeen, 3 November 1856. In Niven [Niv90a], pages 1:430–?? URL http://www.archive.org/download/scientificpapers01maxwuoft/scientificpapers01maxwuoft.pdf; http://www.biodiversitylibrary.org/item/59553; https://hdl.handle.net/2027/umn.31951p011043735. Cited elsewhere as being in this volume, but not found there. Page 430 is in the middle of [Cle60f].

ClerkMaxwell:1890:PP

[Cle90d] James Clerk Maxwell. Paradoxical philosophy. In Niven [Niv90a], pages 2:756–2:762. URL http://www.archive.org/download/scientificpapers01maxwuoft/scientificpapers01maxwuoft.pdf; http://www.biodiversitylibrary.org/item/59553; https://hdl.handle.net/2027/umn.31951p011043735.

ClerkMaxwell:1890:WWC

[Cle90e] James Clerk Maxwell. Whewell's writings and correspondence. In Niven [Niv90a], pages 2:528–2:532. URL http://www.archive.org/

download/scientificpapers01maxwuoft/scientificpapers01maxwuoft.pdf; http://www.biodiversitylibrary.org/item/59553; https://hdl.handle.net/2027/umn.31951p011043735.

ClerkMaxwell:1891:CLE

[Cle91a] James Clerk Maxwell. *La chaleur. Leçons élémentaires sur la thermométrie, la calorimétrie, la thermodynamique. (French) [Heat. Basic lessons on thermometry, calorimetry, thermodynamics]*. ????, Paris, France, 1891. 432 pp. Traduction d'après la 8e édition anglaise par G. Mouret, précédée d'une préface par A. Potier.

ClerkMaxwell:1891:TH

[Cle91b] James Clerk Maxwell. *Theory of Heat*. ????, ????, tenth edition, 1891. xiv + 343 pp. LCCN ????

ClerkMaxwell:1891:THT

[Cle91c] James Clerk Maxwell. *Theory of Heat*. Longmans, Green and Co., London, UK, tenth edition, 1891. With corrections and additions by Lord Rayleigh.

ClerkMaxwell:1892:MM

[Cle92a] James Clerk Maxwell. *Matter and Motion*. D. Van Nostrand, New York, NY, USA, 1892. viii + 9–224 pp.

ClerkMaxwell:1892:TEM

[Cle92b] James Clerk Maxwell. *A Treatise on Electricity and Magnetism*. Clarendon Press, New York, NY, USA, third edition, 1892. xxxii + 557 (vol. 1), xxiv + 515 (vol. 1) pp. URL https://hdl.handle.net/2027/hvd.32044015466394; https://hdl.handle.net/2027/hvd.hs1nk7. Two volumes. Edited by J. J. Thomson.

ClerkMaxwell:1894:TH

[Cle94] James Clerk Maxwell. *Theory of Heat*. Longmans, Green, and Co., London, UK, new edition, 1894. xiv + 348 pp. LCCN ???? URL https://hdl.handle.net/2027/mdp.39015011543942. Based on the Tenth Edition (1891). With corrections and additions by Lord Rayleigh, M.A., D.C.L., LL.D., Secretary of the Royal Society, Professor of Natural Philosophy in the Royal Institution, and late Professor of Experimental Physics in the University of Cambridge.

ClerkMaxwell:1895:FKG

[Cle95] James Clerk Maxwell. *Ueber Faraday's Kraftlinien (1855). (German) [On Faraday's lines of force]*, volume 69 of *Ostwald's Klassiker der* *exacten Wissenschaften*. Engelmann, Leipzig, Germany, 1895. 130 pp. URL https://hdl.handle.net/2027/hvd.32044021161674; https://hdl.handle.net/2027/osu.32435011243508. Edited by Ludwig Boltzmann.

ClerkMaxwell:1896:AAS

[Cle96] James Clerk Maxwell. Análisis armonico. (Spanish) [Harmonic analysis]. *Archivo de Mat.*, 1:92–97, 1896.

ClerkMaxwell:1897:TH

[Cle97] James Clerk Maxwell. *Theory of Heat*. Longmans, Green, and Co., London, UK, 1897. xiv + 348 pp. LCCN ???? URL https://hdl.handle.net/2027/chi.11552642. Based on the Tenth Edition (1891). With corrections and additions by Lord Rayleigh, M.A., D.C.L., LL.D., Secretary of the Royal Society, Professor of Natural Philosophy in the Royal Institution, and late Professor of Experimental Physics in the University of Cambridge.

ClerkMaxwell:18xx:NEH

[Clexxa] James Clerk Maxwell. Notes on the equilibrium of heterogeneous substances: “On thermodynamics of solutions of variable strength”. Reprinted in [Gar69]., 18xx.

ClerkMaxwell:18xx:RBS

[Clexxb] James Clerk Maxwell. Rigid body sings. Web site., 18xx. URL http://ww3.haverford.edu/physics-astro/songs/rigid.htm.

ClerkMaxwell:1902:TH

[Cle02] James Clerk Maxwell. *Theory of Heat*. Longmans, Green, and Co., London, UK, new edition, 1902. xiv + 348 pp. LCCN ???? URL https://hdl.handle.net/2027/uc1.b3141125. Based on the Tenth Edition (1891). With corrections and additions by Lord Rayleigh, M.A., D.C.L., LL.D., Secretary of the Royal Society, Professor of Natural Philosophy in the Royal Institution, and late Professor of Experimental Physics in the University of Cambridge.

ClerkMaxwell:1904:TH

[Cle04a] James Clerk Maxwell. *Theory of Heat*. Longmans, Green, and Co., London, UK, new edition, 1904. xiv + 348 pp. LCCN ???? URL https://hdl.handle.net/2027/nyp.33433069098410. Based on the Tenth Edition (1891). With corrections and additions by Lord

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ClerkMaxwell:1904:TEM

[Cle04b] James Clerk Maxwell. *A Treatise on Electricity and Magnetism*. Clarendon Press, New York, NY, USA, third edition, 1904. xxxii + 553 (vol. 1), xxiv + 525 (vol. 2) pp. LCCN ???? URL https://hdl.handle.net/2027/hvd.32044018703090; https://hdl.handle.net/2027/hvd.32044018703108.

ClerkMaxwell:1907:LTG

[Cle07] James Clerk Maxwell. [Letter on a theory of gases]. In Larmor [Lar07], pages 2:8–2:11. LCCN QC16.S8 A2. This letter of May 1859 was inspired by a February 1859 English translation [Cla59] of an 1858 paper in German [Cla58], and for a few years, Clerk Maxwell and Clausius competed in improving their kinetic theories of gases.

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