O. W. (Owen Willans) Richardson:

An Inventory of His Papers at the Harry Ransom Center

Descriptive Summary

Creator:	Richardson, O. W. (Owen Willans), 1879-1959
Title:	O. W. (Owen Willans) Richardson Papers
Dates:	1898-1958 (bulk 1920-1940)
Extent:	112 document boxes, 2 oversize boxes (49.04 linear feet), 1 oversize folder (osf), 5 galley folders (gf)
Abstract:	The papers of Sir O. W. (Owen Willans) Richardson, the Nobel Prize-winning British physicist who pioneered the field of thermionics, contain research materials and drafts of his writings, correspondence, as well as letters and writings from numerous distinguished fellow scientists.
Call Number:	MS-3522
Language:	Primarily English; some works and correspondence written in French, German, or Italian.
Note:	The Ransom Center gratefully acknowledges the assistance of the Center for History of Physics, American Institute of Physics, which provided funds to support the processing and cataloging of this collection.
Access:	Open for research. Researchers must create an online Research Account and agree to the Materials Use Policy before using archival materials. **Part or all of this collection is housed off-site and may require up to three business days' notice for access in the Ransom Center's Reading and Viewing Room. Please contact the Center before requesting this material:** reference@hrc.utexas.edu

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Administrative Information

Additional Physical Format Available:	The Richardson Papers were microfilmed and are available on 76 reels. Each item has a unique identifying number (W-xxxx, L-xxxx, R-xxxx, or M-xxxx) that corresponds to the microfilm. This number was recorded on the file folders housing the papers and can also be found on catalog slips present with each item.

Acquisition: Purchase, 1961 (R43, R44) and Gift, 2005

Processed by: Tessa Klink and Joan Sibley, 2014

Repository: Harry Ransom Center, The University of Texas at Austin

Biographical Sketch

The English physicist Owen Willans Richardson, who pioneered the field of thermionics, was also known for his work on photoelectricity, spectroscopy, ultraviolet and X-ray radiation, the electron theory, and quantum theory. He was awarded the 1928 Nobel Prize for physics for his work in thermionics and for his discovery of Richardson's Law.

Richardson was born in Dewsbury, Yorkshire, England to Joshua Henry Richardson and Charlotte Maria Willans Richardson. He was educated at Batley Grammar School and Trinity College, Cambridge before eventually earning his D.Sc. from University College London in 1904. During his time at Trinity College, he worked in the Cavendish Laboratory under Joseph John Thomson. He was part of a group of scholars which included Ernest Rutherford, Charles Thomson Rees Wilson, Paul Langevin, and Harold A. Wilson, with whom he forged professional and personal relationships.

In 1905, Richardson married Harold Wilson's sister, Lilian and in 1906, he accepted an appointment as professor of physics at Princeton University. While at Princeton, Richardson did research work and published papers on photoelectricity, spectroscopy, X-rays and thermodynamics. His students at this time included Robert H. Goddard and Arthur and Karl Compton. During this same period, Richardson's sisters married two of his American colleagues: Elizabeth married Oswald Veblen in 1908 and in 1911 Charlotte married Clinton Davisson. In 1913, Richardson returned to England after accepting the Wheatstone professorship of physics at King's College, University of London. He was also, at this time, elected as a fellow of the Royal Society.

He published his first book, *The Electron Theory of Matter*, in 1914 and his second, *The Emission of Electricity from Hot Bodies*, in 1916. His expertise made him an asset during the First World War and he was recruited to do research in the area of telecommunications, more specifically in the industries of wireless telegraphy and telephony.

He received the Hughes Medal of the Royal Society in 1920 and served as president of the Physics section of the British Association for the Advancement of Science from 1921 to 1922. He relinquished teaching duties in 1924 upon his dual appointments as Yarrow research professor of the Royal Society and director for research in physics at King's College. He also served as president of the Physical Society from 1926 to 1928. Richardson was awarded the 1928 Nobel Prize for physics on December 12, 1929. He was knighted in 1939.

Richardson influenced many students and peers and worked with such collaborators as T. Tanaka, Frederick Steell Robertson, Percy Maurice Davidson, Subbarao Ramachandra Rao and Alexander Konstantinovitch Denisoff. He played host to visiting scholars including Hendrik Antoon Lorentz, Niels Bohr, Max Planck, Peter Debye, and Arnold Sommerfeld. Richardson contributed to the field by advancing scientific understanding of the emission of electrons from hot surfaces. His third and last book, *Molecular Hydrogen and Its Spectrum*, was published in 1934. He retired from the University of London in 1944.

Richardson and his wife Lilian had two sons, Harold Owen Wilson Richardson and John Dixon Wilson Richardson, and one daughter, Lilian Mary Richardson (who married A. K. Denisoff). Harold studied physics, while John entered the practice of medicine and psychiatry. After his wife Lilian died in 1945, Richardson married physicist and family friend Henrietta Maria Rupp in 1948. Richardson died of a cerebral thrombosis on February 15, 1959.

Sources:

In addition to the material found within the O. W. Richardson Papers, the following biographical sources were used:

Foster, E. W. "Richardson, Sir Owen Willans (1879–1959)." Rev. Isobel Falconer. In *Oxford Dictionary of National Biography*, edited by H. C. G. Matthew and Brian Harrison. Oxford: Oxford University Press, 2004.

"Richardson, Owen Willans." In *Complete Dictionary of Scientific Biography*. Vol. 11. Detroit: Charles Scribner's Sons, 2008. 419-423. *Gale Virtual Reference Library*. Web. 8 December 2014.

Wilson, William. "Owen Willans Richardson. 1879-1959." In *Biographical Memoirs of Fellows of the Royal Society*. London: Royal Society Publishing, 1960.

Scope and Contents

The papers of Nobel-prize winning physicist O. W. (Owen Willans) Richardson contain manuscripts and research materials for Richardson's published and unpublished work; correspondence to and from fellow scientists and educators, students, scientific organizations, colleges and universities, government agencies, and businesses; as well as works received from many distinguished colleagues and students. Spanning 1898 to 1958 (bulk 1920 to 1940), the papers are arranged in four series: I. Works, 1900-1949; II. Letters, 1905-1951; III. Recipient, 1903-1958; IV. Miscellaneous, 1898-1952. The papers are primarily written in English, although some French, German, and Italian language materials are present.

The papers include manuscript materials for Richardson's own monographs and articles concerning his research on thermionic emission, the hydrogen molecule, soft X-rays, quantum theory, the Rydberg constants, and other topics. The related work of many of Richardson's students and fellow physicists, chemists, electrical engineers, and mathematicians in the international research community is well-documented in work undertaken either with Richardson or independently. Richardson's role as an educator is revealed in correspondence with students, colleagues, and various organizations and his files frequently include applications, testimonials, reports, theses, and dissertations. The papers also attest to other aspects of Richardson's professional career, such as his work with scientific organizations, attendance at conferences, work supporting government

and commercial research, patents received, and honors and awards such as the Nobel Prize for Physics in 1928. A small portion of the papers are personal in nature, chiefly correspondence from or to various family members.

Among the many distinguished physicists represented in the Richardson papers by correspondence and/or writings are Hannes Alfvén, Edward Victor Appleton, Francis William Aston, Charles Glover Barkla, Patrick Maynard Stuart Blackett, Niels Bohr, Max Born, William Henry Bragg, William Lawrence Bragg, Percy Williams Bridgman, James Chadwick, Sydney Chapman, John Douglas Cockcroft, Arthur Holly Compton, Edward Uhler Condon, Clinton Joseph Davisson, Louis Victor DeBroglie, Peter Debye, Paul Adrien Maurice Dirac, Arthur Stanley Eddington, Paul Ehrenfest, Enrico Fermi, James Franck, Yakov Ilyich Frenkel, Dennis Gabor, George Gamow, Hans Geiger, Otto Hahn, Werner Heisenberg, Frederic Joliot, Irene Joliot-Curie, Heike Kamerlingh Onnes, Petr Leonidovich Kapitza, Hendrik A. Kramers, Paul Langevin, Irving Langmuir, Max von Laue, Ernest Orlando Lawrence, M. Stanley Livingston, Fritz London, Hendrik Antoon Lorentz, Theodore Lyman, Albert Abraham Michelson, Robert Andrews Millikan, Nevill Francis Mott, Robert Sanderson Mulliken, Wolfgang Pauli, Rudolf Ernst Peierls, Jean Perrin, Max Planck, Chandrasekhara Venkata Raman, Ernest Rutherford, Erwin Schrödinger, Manne Siegbahn., Arnold Sommerfeld, Otto Stern, John William Strutt (Baron Rayleigh), George Paget Thomson, Joseph John Thomson, Harold Clayton Urey, John H. Van Vleck, Robert Williams Wood, and Pieter Zeeman.

The Richardson Papers were originally cataloged during a project in 1967 supported by the Joint Committee of the American Physical Society – American Philosophical Society on the History of Theoretical Physics in the Twentieth Century. At that time, the papers were described on over 8,000 catalog cards which were reproduced in the 454-page *A Catalogue of the Sir Owen Richardson Manuscript Collection in the History of Science Collection, The University of Texas* , compiled by James Henry Leech. This finding aid replicates and replaces information previously available only through the card file or the catalogue.

Series I. Works

The Works series consists chiefly of research notebooks and notes, drafts, and proofs for Richardson's professional research and writings, 1900-1949 (32 boxes). In addition to handwritten notes and drafts, typescript drafts, galley proofs, page proofs, and offprints, a number of works are also represented by blueprints, calculations, charts, diagrams, graphs, photographs, or plates. Research topics include, but are not limited to, thermionic emission, the hydrogen molecule, soft X-rays, quantum theory, and the Rydberg constants. Among the earliest materials are notebooks for experiments at Cambridge University, 1902-1906. Some of the more extensively featured manuscripts in the collection include *The Electron Theory of Matter* (1914), *The Emission of Electricity from Hot Bodies* (1916), several papers on the spectrum of H_2 (1929-1934), and *Molecular Hydrogen and its Spectrum* (1934).

Because Richardson frequently collaborated with others, a number of works found in this series were co-authored with colleagues and students, among them Ursula Andrewes, Charles B. Bazzoni, Devidas Raghunath Bhawalkar, Francis Cecil Chalklin, Rabindranath Chaudhuri, Karl Taylor Compton, Kusumeshu Das, Percy Maurice Davidson, E. W. Foster, Sunao Imanishi, Thomas Ralph Merton, A. A. Newbold, J.

Nicol, Subbarao Ramachandra Rao, Eric Keightley Rideal, Frederick Steell Robertson, F. J. Rogers, S. C. Roy, T. B. Rymer, Charles Sheard, Frederick Soddy, T. Tanaka, and William Ewart Williams. Particularly well-represented are Davidson and Robertson, including research undertaken by Richardson and Robertson for the British Admiralty on optics and thermionics during World War I.

Richardson's other writings are connected with his teaching and his work with scientific organizations, such as testimonials and reports with professional and personal evaluations of students and colleagues, biographical sketches and obituary notices of fellow scientists, lecture notes, and speeches. Personal writings include two poems.

The works in this series are arranged alphabetically by title. When multiple versions and formats represent a single title, they are arranged from earliest to latest state. A complete index of titles is included in the Index of Works by O. W. Richardson in this finding aid

Series II. Letters

The Letters series spans 1905-1951 (4 boxes) and contains drafts of Richardson's outgoing correspondence to approximately 600 colleagues, students, scientific organizations, universities, and corporations. The letters are arranged alphabetically by recipient name, including Niels Bohr, William Lawrence Bragg, American Telephone and Telegraph Company, Percy Maurice Davidson, Clinton Joseph Davisson, Gerhard Heinrich Dieke, James Hopwood Jeans, King's College, University of London, A. A. Newbold, Frederick Steell Robertson, and the Swedish Royal Academy of Science, among others.

Series III. Recipient

The Recipient series consists of Richardson's incoming letters from approximately 3500 correspondents, 1903-1958 (23 boxes). Scientific correspondence dates primarily from 1920 to 1938 and includes letters pertaining to research projects and papers from well-known physicists such as Edward Victor Appleton, Niels Bohr, William Henry Bragg, William Lawrence Bragg, Percy Maurice Davidson, James Hopwood Jeans, Ernest Rutherford, Joseph John Thomson, and many others. Other frequent correspondents include students–often sending applications, requesting testimonials, or seeking Richardson's opinion on scientific endeavors or training–or colleagues and administrators from King's College, University of London and many other colleges and universities.

Correspondence from British scientific societies and government organizations including the Department of Scientific and Industrial Research, the National Physical Laboratory, the Physical Society, and the Royal Society, and from major corporations with research laboratories, such as American Telephone and Telegraph Company, Bell Telephone Laboratories, and General Electric, is also well-represented in this series.

The series also contains about 350 letters of congratulation on the occasions of Richardson's Nobel Prize award in 1928 and knighthood in 1939. A small portion of the correspondence is personal in nature, primarily letters from Richardson's sisters, their husbands, and other relatives from the Denisoff, Davisson, Richardson, Veblen, and Wilson families.

The recipient correspondence is arranged alphabetically by author name and chronologically thereunder when multiple letters are present. All correspondent names are included in the Index of Correspondents segment of this finding aid.

Series IV. Miscellaneous

Items in the Miscellaneous series range from 1898 to 1952 (46 boxes) and consist largely works by Richardson's colleagues and students, as well as third-party correspondence they wrote to persons other than Richardson.

Works by others include their research, manuscripts, proofs, or prints of scientific papers, such as Ernest Rutherford's "Report on the Structure of an Atom" and J. M. Drinkwater's "An Objective Determination of the Visibility Curves of a Michelson Interferometer." Well-represented in this series are Ursula Andrewes, Leslie Fleetwood Bates, Devidas Raghunath Bhawalkar, Francis Cecil Chalklin, Gerhard Heinrich Dieke, Felix Ehrenhaft, Irving Langmuir (files concerning an unsuccessful patent lawsuit brought against him by Harold D. Arnold), A. M. Mosharrafa, Wolfgang Pauli, Frederick Steell Robertson, T. Tanaka and William Mayo Venable. Also present are many theses and dissertations submitted to Richardson by Riaz Ahmad, Richard Audorf, Rabindranath Chaudhuri, Kusumeshu Das, Alexander Konstantinovitch Denisoff, Mahmoud Ahmed El-Sherbini, Aziz Milad Ferasah, Irena Gimpel, Otto Hahn, Hugh Harvey Hyman, Alice Leigh-Smith, Abbas Aly Nasr, Ian Sandeman, and William Wilson. A few manuscript works also include letters written to Richardson; these were left in place with the manuscript work under discussion.

Various papers such as general correspondence, reports, minutes, notices, and programs from several organizations are also present, most extensively from the Department of Scientific and Industrial Research, King's College and the University of London, the National Physical Laboratory, the Physical Society, the Royal Commission for the Exhibition of 1851, and the Royal Society.

This series also contains a small amount of Richardson's non-research papers, such as addresses, inventories of apparatus, lecture notes, lists of writings, and physics exams, as well as correspondence from others written to his wife, Maud, and other third-party family correspondence.

The materials in this series are arranged alphabetically by creator. The finding aid includes an Index of Works by Others to facilitate access to the names and titles of the extensive non-Richardson works present in this series. Similarly, all correspondent names in this series are included in the Index of Correspondents segment of this finding aid.

Immediately following Series IV. Miscellaneous are seven boxes of original envelopes and file folders removed from the papers during processing in the 1960s and two boxes of items separated to oversize storage during processing.

Related Material

While the collection at the Ransom Center constitutes the largest existing holding of Richardson's papers, smaller amounts of his correspondence are found in collections of Carl Barus (Brown University), Niels Bohr (Denmark), Ernest Rutherford (Cambridge), and Oswald Veblen (Library of Congress).

Separated Material

The 2,700 books that make up the Richardson Library date primarily from the nineteenth and twentieth centuries and cover the history of the atom; these were cataloged in the Ransom Center's book collection. Also included in the Richardson Library are journals and yearbooks in the fields of physics, chemistry, mathematics, and astronomy, over 14,000 pamphlets and offprints from scientific journals, technical monographs published by the Bell Telephone System, papers from the proceedings of the German Academy of Science, discussions published by the Faraday Society, papers published by the Royal Society of London, and monographs published by the Western Electric Company.

Photographs of Richardson with his family and with fellow scientists, such as E. F. Burton, Marie Curie, S. C. Laws, and J. J. Thomson, were removed from the collection and are housed in the Ransom Center Photography Collection's History of Science Collection.

The Sound Recordings Collection at the Center includes a phonodisc formerly owned by Richardson of a lecture given by Lord Rutherford at Goettingen on Monday, December 14, 1931.

The Center's Vertical File Collection includes one folder of printed information for Dorothy Miller Richardson and 2 folders for O. W. Richardson.

Index Terms

People

Appleton, Edward Victor, Sir, 1892-1965.

Bohr, Niels, 1885-1962.

Bragg, William Henry, Sir, 1862-1942.

Bragg, William Lawrence, Sir, 1890-1971.

Davidson, Percy Maurice, 1902- .

Davisson, Charlotte Sara Richardson.

Davisson, Clinton Joseph, 1881-1958.

Denisoff, Alexander Konstantinovitch, 1905- .

Dieke, Gerhard Heinrich, 1901-1965.

Jeans, James, 1877-1946.

Newbold, A. A.

Richardson, Henrietta Maria Rupp.

Richardson, Lilian Maud Wilson, died 1945.

Richardson, O. W. (Owen Willans), 1879-1959.

Robertson, Frederick Steell, 1876- .

Rutherford, Ernest, 1871-1937.

Thomson, J. J. (Joseph John), 1856-1940.

Veblen, Elizabeth Mary Richardson, 1881-1974.

Veblen, Oswald, 1880-1960.

Organizations

Great Britain. Department of Scientific and Industrial Research.

King's College London.

National Physical Laboratory (Great Britain).

Physical Society (Great Britain).

Royal Society (Great Britain).

University of London.

Subjects

Atoms--History.

Cathode rays.

Electrons--Emission.

Hydrogen bonding.

Hydrogen--Spectra.

Molecules--Models.

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- Diamond, W. Ed. B.--54.2-3
- Dictionary of Applied Physics--42.16
- Dieke, Gerhard Heinrich, 1901-1965--42.17
- Dillon, Teresa Joseph--42.16
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- Dirac, P. A. M. (Paul Adrien Maurice), 1902-1984--54.8
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- Dolman & Pearce, Auctioneers (London)--43.3
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- Ellis, Polly--43.13
- Encyclopaedia Britannica--43.16
- Engineering: An Illustrated Weekly Journal--75.1
- Epp, Mary E. de R.--43.11
- Epstein, Paul S. (Paul Sophus), 1883-1966--43.11
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- Eve, A. S. (Arthur Stewart), 1862-1948--43.11
- Everett, Edgcumbe & Co., Ltd.--75.1
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- F. W. le Tall, A. S. Cachemaille, Chartered Patent Agents (London)--57.3, 101.9
- Fabry, Charles, 1867-1945--43.17
- Faraday Society--43.18
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- Bates, L. F. (Leslie Fleetwood). A new apparatus for the measurement of the earth's magnetic field--63.31
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- Bawn, C. E. H. (Cecil Edwin Henry). The catalyzed oxidation of trimethylethylene in solution--63.32
- Bazzoni, Charles B. (Charles Blizard), 1886- . Experimental determinations of the ionization potential of helium--63.33
- Bazzoni, Charles B. (Charles Blizard), 1886- . See also works with O. W. Richardson--9.2, 15.16
- Beatty, Richard Thomas, 1882-1941. The stability of a valve amplifier with tuned circuits and internal reaction--63.34
- Beck, Conrad, 1864- . A contribution to the discussion on geometrical optics--64.1
- Beckett, Harold E. The measurement of reflection coefficients for oblique incidence--64.2
- Beckett, Harold E. The radiation-reflecting powers of rough surfaces--64.2
- Beevers, Cecil Arnold. A machine for the rapid summation of Fourier series--64.3
- Beevers, Cecil Arnold. On the evaluation of some hexagonal structure factors--64.3
- Behman, B. F. Physics: Terminal exam paper--64.4
- Bell, Edward Reed, 1921- . Reactions of free radicals associated with low temperature oxidation of paraffins--64.5
- Belloc, Hilaire, 1870-1953. Richelieu: Chapter I: excerpt--64.6
- Benham, Wilfrid Earnshaw. Electronic theory and the magnetron oscillator--64.7
- Bennett, Charles William, 1886- . The regeneration of sulphated storage cells--64.8
- Bennett, Charles William, 1886- . A rotating cathode--64.8
- Bennett, Charles William, 1886- . Tensile strength of electrolytic copper on a rotating cathode--64.8
- Bennett, W. Some lecture experiments--64.9
- Berlovitch, Moise. Sur le coryza aigu et les maladies infectieuses--64.10
- Best, J. E. The diurnal variation of the ionospheric absorption of wireless waves--64.11
- Beutler, Hans, 1896-1942. Über eine gesetzmässige Beziehung zwischen Kernabstand und Schwingungsenergie in Molekülen--64.12
- Beutler, Hans, 1896-1942. Über ultraviolette Banden des H D – Wasserstoff-Moleküls--64.13
- Beutler, Hans, 1896-1942. Veröffentlichungen--64.14
- Beutner, R. (Reinhard), 1885- . Potential differences at the junction of immiscible phases--64.15
- Bhawalkar, Devidas Raghunath, 1908- . Application for registration as candidate for Ph.D. degree for internal students to University of London--64.16
- Bhawalkar, Devidas Raghunath, 1908- . Energy levels of structure electrons--64.17
- Bhawalkar, Devidas Raghunath, 1908- . Evidence of the excitation of atomic energy levels in soft X-rays and the secondary emission experiments--64.18
- Bhawalkar, Devidas Raghunath, 1908- . Excitation of soft X-rays--64.19
- Bhawalkar, Devidas Raghunath, 1908- . Excitation of soft X-rays in the low voltage region--64.20
- Bhawalkar, Devidas Raghunath, 1908- . Excitation potentials as affected by the structure

electrons--64.17
- Bhawalkar, Devidas Raghunath, 1908- . Experimental values of Vo--64.21
- Bhawalkar, Devidas Raghunath, 1908- . Report of the work--64.22
- Bhawalkar, Devidas Raghunath, 1908- . Soft X-rays from aluminum: A good deal of experimental work has been done....--64.25
- Bhawalkar, Devidas Raghunath, 1908- . Soft X-rays from aluminum: Curves obtained in the region from 15 to 225 volts--64.23
- Bhawalkar, Devidas Raghunath, 1908- . Soft X-rays from aluminum: In the last few years a good deal of work has been....--64.26
- Bhawalkar, Devidas Raghunath, 1908- . Soft X-rays from aluminum: The experimental procedure was exactly the same as....--64.24
- Bhawalkar, Devidas Raghunath, 1908- . Soft X-rays from sodium: As a result of the investigations on the....--64.27
- Bhawalkar, Devidas Raghunath, 1908- . Soft X-rays from sodium: In order to investigate the excitation of....--64.28
- Bhawalkar, Devidas Raghunath, 1908- . Values of Vo for the different metals used--64.29
- Bhawalkar, Devidas Raghunath, 1908- . Variation of Vo with the bombarding current (for Al target)--64.30
- Bhawalkar, Devidas Raghunath, 1908- . Variation of Vo with current density (continued)--64.31
- Bhawalkar, Devidas Raghunath, 1908- . See also work with O. W. Richardson--19.7
- Birge, Raymond T. (Raymond Thayer), 1887- . A consistent set of values of the general physical constants (as of August, 1939)--64.32
- Birge, Raymond T. (Raymond Thayer), 1887- . Constants of diatomic molecules derived from band spectra data: Tables--64.32
- Birge, Raymond T. (Raymond Thayer), 1887- . The determination of heats of dissociation by means of band spectra--64.32
- Birge, Raymond T. (Raymond Thayer), 1887- . The energy levels and resulting constants of the hydrogen molecule--64.32
- Birge, Raymond T. (Raymond Thayer), 1887- . Probable values of the general physical constants. Part 4--64.33
- Birge, Raymond T. (Raymond Thayer), 1887- . Recent work on isotopes in band spectra--64.33
- Birge, Raymond T. (Raymond Thayer), 1887- . The rotational and vibrational energy of molecules--64.33
- Bisacre, Frederick Francis Percival, 1885- . Convergent polarized light and Hertz's problem for a uniaxial material--63.34
- Blackie, Alfred, 1882- . Some thermal and electrical aspects of the design of converters for the hydrogenation process--63.35
- Bloch, Felix, 1905- . Les moments magnetiques du proton et du neutron--64.36
- Bohr, Niels, 1885-1962. On the problem of the arrangement and the motion of the electrons in the atom--65.3
- Bol, Cornelius. Experiments--65.4
- Bond, W. N. (Wilfrid Noel). Sir A. S. Eddington's recent theories--65.5
- Bond, W. N. (Wilfrid Noel). Sir A. S. Eddington's recent theories: abstract and discussion--65.5
- Bond, W. N. (Wilfrid Noel). The surface tension of a moving water sheet--65.5
- Bond, W. N. (Wilfrid Noel). Turbulent flow through tubes--65.5
- Bond, W. N. (Wilfrid Noel). The viscosity of air--65.5
- Born, Max, 1882-1970. Die quantenmechanik--65.6
- Bose, H. D. M. Etudes sur le paramagnetisme: abstract--65.7
- Boucherot, Paul, 1869-1943. L'utilisation rationnelle de l'eau froide du fond des oceans:

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- Bowen, Gladys V. Biographical data--65.9
- Bowker, H. C. Variation of spark-potential with temperature in gases at or above atmospheric pressure--65.10
- Boyce, Joseph Canon, 1903-1983. Soft X-rays from heavy elements: tantalum to gold--65.11
- Bradford, S. C., 1878-1948. The kinetic theory of fluids--65.12
- Bradley, Albert James, 1899- . A method for deducing accurate values of the lattice spacing from X-ray powder photographs taken by the Debye-Scherrer method--65.13
- Bragg, William Henry, 1862-1942. Relative merits of the"binaural" and the"sum and difference" methods--65.15
- Bragg, William Lawrence, Sir, 1890-1971. Sur la diffraction des ondes electromagnetiques par un cristal: abstract--65.14
- Brentano, John Christian Michael, 1888- . Measurements of the intensity-distribution of the white X radiation reflected from a crystal; with a note on the dispersion of the atomic scattering factor of zinc near the K absorption edge--65.16
- Brentano, John Christian Michael, 1888- . The quantitative measurement of the intensity of X-ray reflections from crystalline powders--65.16
- Brentano, John Christian Michael, 1888- . An X-ray goniometer using beams of large aperture for photographically recording crystal-powder reflections--65.16
- Bridgman, P. W. (Percy Williams), 1882-1961. Report on the phenomena of conductibility in metals and their theoretical explanation--65.17
- Briggs, Allan H. The estimation of ametropia by the coincidence optometer--65.18
- Brillouin, Marcel, 1854-1948. Sur une question d'electricite atmospherique: abstract--65.19
- Brindley, G. W. (George William), 1905-1983. The characteristic temperature of magnesium oxide--65.20
- Brindley, G. W. (George William), 1905-1983. The measurement of the intensities of X-ray reflections from crystalline powders in absolute units--65.20
- Brinkworth, John Hancock, 1881- . Practical examinations in physics--65.21
- British Standards Institution. British standard glossary of acoustical terms and definitions: draft--66.1
- Broglie, Louis de, 1892-1987. Le photon--66.2
- Broglie, Maurice de, 1875-1960. La relation hv=E dans les phenomenes photo-electriques; production de la lumiere dans le choc des atomes par les electrons et production des rayons de rontgen--66.3
- Broglie, Maurice de, 1875-1960. La relation hv=E dans les phenomenes photo-electriques; production de la lumiere dans le choc des atomes par les electrons et production des rayons de rontgen: discussion--66.3
- Broglie, Maurice de, 1875-1960. X-rays and beta rays--66.3
- Brook, J. H. T. Iron and copper as catalysts in the oxidation of hydocarbon lubricating oils--66.4
- Brotherton, M. (Manfred). Biographical data--66.5
- Brotherton, M. (Manfred). The experiments made hereafter were made with....--66.5
- Brotherton, M. (Manfred). The Lindemann Electrometer has the following....--66.5
- Brotherton, M. (Manfred). Report, 1924-1925--66.5
- Brotherton, M. (Manfred). Report, 1925-1926--66.5
- Brown, D. Acoustic spectra by the diffraction of light from sound films--66.6
- Brown, E. S. The electroscope capacity balance--66.7
- Brown, F. C. (Fay Cluff), 1881-1968. The electrical properties of light-positive and light-negative selenium--66.8
- Brown, F. C. (Fay Cluff), 1881-1968. A method of measuring the amplitude and damping of ripples--66.8

- Brown, F. C. (Fay Cluff), 1881-1968. The nature of electric conduction as required to explain the recovery of resistance of metallic selenium following illumination--66.8
- Brown, F. C. (Fay Cluff), 1881-1968. Some experiments on the nature of transmitted light-actionin crystals of metallic selenium--66.8
- Brown, F. C. (Fay Cluff), 1881-1968. The variation of the rate of production of photo-electrons in a monoclinic crystal of selenium with varying pressure on the crystal and with varying intensity of illumination--66.8
- Brown, G. Burniston. The mechanism of edge-tone production--66.9
- Brown, G. Burniston. On vortex motion in gaseous jets and the origin of their sensitivity to sound--66.9
- Brown, G. Burniston. The vortex motion causing edge tones--66.9
- Brown, R. C. (Reginald Carr). The ripple method of measuring surface tension--66.10
- Bruckshaw, John McGarva. Experiments on conducting laminae in periodic magnetic fields--66.11
- Bruckshaw, John McGarva. An instrument for electrical prospecting by the inductive method--66.11
- Buckley, Harold, 1915- . Note on the radiation between two coaxial radiating cylinders--66.12
- Bull, Cabot Seaton. The noise of thermionic valves: abstract--66.13
- Bunn, C. W. (Charles William). The lattice-dimensions of zinc oxide--66.14
- Burbidge, Percy William, 1891- . Electrical methods of hygrometry--66.15
- Burdon, Roy Stanley. Adsorption of gases on mercury--66.16
- Butterworth, Stephen, 1885- . The equivalent circuit of the magnetostriction oscillator--66.17
- Cabrera, Blas, 1878-1945. L'etude experimentale du paramagnetisme. Le magneton.--66.19
- Cabrera, Blas, 1878-1945. Les proprietes magnetiques des familles du palladium et du platine et la theorie du paramagnetisme: abstract--66.20
- Campbell, Albert, 1862- . Mutual self inductors compensated for change of frequency--67.2
- Campbell, Albert, 1862- . The mutual shunt method of measuring self inductance at radio frequencies--67.2
- Campbell, Albert, 1862- . Simple demonstration of the Peltier effect with approximate measurement--67.2
- Campbell, Norman Robert, 1880-1949. The determination of absolute units--67.3
- Campbell, Norman Robert, 1880-1949. The measurement of visual sensations--67.3
- Campbell, Norman Robert, 1880-1949. The statistical theory of errors--67.3
- Campbell, Norman Robert, 1880-1949. Time lag in photoelectric cells--67.3
- Carmichael, Hugh. A new tilted electrometer--67.6
- Carmichael, Hugh. On the tilted electrometer--67.6
- Carpenter, Henry Cort Harold, 1875-1940. I have read the four communications which constitute Mr....--66.18
- Carpenter, L. G. A vacuum calorimeter for high temperatures--66.18
- Carpenter, L. G. A vacuum calorimeter for high temperatures: abstract and discussion--66.18
- Cassel, Hans, 1891- . Effect of the adsorption of atoms and molecules on the photoeffect from mercury (Excitation of adsorbed molecules)--66.18
- Cassie, Alexander Morris. A time-base circuit and electron relay for use with a cathode-ray oscillograph--66.18
- Chalk, M. Laura. Bands to $2p^1\pi$. Note on Dr. Davidson's new progressions--67.7
- Chalk, M. Laura. The spectrum of H_2: The bands ending on $2p^1\pi$--67.8
- Chalk, M. Laura. The spectrum of H_2: Work done on looking for new bands ending on $2p^3$--67.9
- Chalklin, F. C. (Francis Cecil), 1902-1954. Biographical data--67.10
- Chalklin, F. C. (Francis Cecil), 1902-1954. High voltage curves for iron--67.11-16
- Chalklin, F. C. (Francis Cecil), 1902-1954. List of publications--68.1

- Chalklin, F. C. (Francis Cecil), 1902-1954. Notebook, Vol. 2--68.2
- Chalklin, F. C. (Francis Cecil), 1902-1954. See also work with O. W. Richardson--23.7
- Chalmers, Bruce, 1907- . An interference extensometer and some observations on the elasticity of lead--68.3
- Chalmers, Bruce, 1907- . The twinning of single crystals of tin--68.3
- Chalmers, J. Alan (John Alan). The electric charges of single raindrops and snowflakes--68.4
- Chance, W. H. S. The optical glassworks by Benediktbeuern--68.5
- Chapman, F. W. Atmospheric disturbances due to thundercloud discharges: Part I--68.6
- Chapman, Sydney, 1888-1970. The absorption and dissociative or ionizing effect of monochromatic radiation in an atmosphere on a rotating earth--68.7
- Chapman, Sydney, 1888-1970. The absorption and dissociative or ionizing effect of monochromatic radiation in an atmosphere on a rotating earth. Part 2. Grazing incidence--68.7
- Chapman, Sydney, 1888-1970. The atmospheric height distribution of band-absorbed solar radiation--68.7
- Charlesby, Arthur. The diffraction of electrons by anthracene--68.8
- Chaudhuri, Rabindranath. Behaviour of the thermo-E.M.F. of a coherer couple under the action of alternating current and electric waves--68.9
- Chaudhuri, Rabindranath. Formation of heavy ions by the impact of slow velocity electrons with gas molecules--68.10
- Chaudhuri, Rabindranath. The motion of electrons in hydrogen under the action of crossed electric and magnetic fields--68.11
- Chaudhuri, Rabindranath. Thermo-electric properties of a coherer-couple--68.12
- Chaudhuri, Rabindranath. See also works with O. W. Richardson--3.1, 4.5
- Cherry, R. O. Field intensity measurements around some Australian broadcast stations--68.13
- Cherwell, Frederick Alexander Lindemann, Viscount, 1886-1957. Report on Lees' paper--81.1
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- Childs, W. H. J. (William Harold Joseph). Report on activities during fellowship year 1929-30--68.14
- Childs, W. H. J. (William Harold Joseph). Some methods of estimating the intensities of spectral lines--68.14
- Chipman, Robert A. The electron oscillation characteristics of an experimental plane-electrode triode--68.15
- Chipman, Robert A. Ultra-high-frequency resonances in the positive-grid triode--68.15
- Clews, C. J. B. A determination of the specific heats of aqueous solutions of potassium chloride--68.16
- Cockburn, Robert, 1909-1994. A determination of the fundamental types of electron oscillations in a triode valve--68.17
- Cockburn, Robert, 1909-1994. The variation of voltage-distribution and of electron transit time in the space-change-limited planar diode--68.17
- Cohen, Elizabeth. The spectrum of H_2: Extension of the bands analogous to the ortho-helium line spectrum--68.18
- Cohen, Elizabeth. Unidentified work--68.18
- Collie, C. H. On the use of charcoal in maintaining high vacua--68.19
- Collier, L. J. The variation with temperature of the electrical resistance of carbon and graphite between 0° C and 900° C--68.20
- Collins, George. A source of the Lyman continuum for use with spectrographs of high dispersion--68.21
- Combes, Lewis Swinnerton, 1896- . Interferometer wave-lengths of certain lines in the secondary spectrum of hydrogen--68.22

- Compton, K. T. (Karl Taylor), 1887-1954. An arc is a discharge of electricity....--68.23
- Compton, K. T. (Karl Taylor), 1887-1954. See also work with O. W. Richardson--21.2
- Congdon, J. F. Biographical data--68.24
- Congdon, J. F. The emission of electrons under the influence of chemical action--68.24
- Connelly, F. C. An apparatus for the optical projection of thermionic valve characteristics--68.25
- Constable, Jack E. R. The effect of an acoustically absorbent lining upon the sound-insulating value of a double partition--68.26
- Constable, Jack E. R. The prevention of the transmission of sound along water pipes--68.26
- Constable, Jack E. R. Transmission of sound between neighbouring rooms in a brick building--68.26
- Constable, Jack E. R. The transmission of sound in a building by direct paths--68.26
- Constable, Jack E. R. Vibration of a building partition at audio frequencies--68.26
- Constable, Jack E. R. The vibration pattern of a wall transmitting sound--68.26
- Conybeare, J. G. G. The resistance of palladium and palladium-gold alloys--68.27
- Corbino, O. M. (Orso Mario) 1876- . The electronic theory of the voltaic cell--68.28
- Cosslett, V. E. (Vernon Ellis). The structure of electrical conductivity of thin films of indium--68.29
- Cotton, Aime Auguste, 1869-1951. Les champs magnetique intenses permanents--69.1
- Cotton, Aime Auguste, 1869-1951. Sur la production de champs magnetiques a la fois intenses et etendus: abstract--69.1
- Cottoy, A. Report on the notes presented by M. Ramakrishna Rao--69.2
- Crane, Eva. The application of the absorption method to the determination of the upper limits of continuous B-ray spectra--104.23
- Crane, Eva. The relation between range and energy for the upper limits of B-ray spectra--104.23
- Crawford, B. H. (Brian Hewson). The integration of the glare-effects from a number of glare-sources--69.3
- Crooker, Arthur Mervyn . An experimental determination of the reflection coefficient of slow electrons incident on metallic surfaces--69.4
- Crooker, Arthur Mervyn. Let us consider the case of a plane anode placed in front...--69.4
- Cumberland, Elliott. Demonstration of the Cumberland electrolytic process for preventing corrosion of all metals immersed in liquid--69.6
- Curtis, William Edward, 1889- . Notes re plans of new building--69.8
- Curtis, William Edward, 1889- . The structure of the band spectra of helium. VI--69.8
- Dalzell, D. P. Heaviside's operational method--69.10
- Dampier, William Cecil Dampier, Sir, 1867-1952. Testimonial for O. W. Richardson--104.17
- Darbyshire, James Albert, 1906- . Diffraction of electrons by oxide-coated cathodes--69.11
- Darbyshire, Orrell, 1902- . The application of the theory of the transmitting echelon to the explanation of Talbot's and Powell's bands--69.11
- Darbyshire, Orrell, 1902- . A determination by spectrometer of the metrical thickness and dispersive power of a thin film--69.11
- Darling, Charles R. (Charles Robert), 1870- . A simple method of showing the modes of vibration of a wire--69.12
- Darling, Charles R. (Charles Robert), 1870- . A vacuum calorimeter for high temperatures: abstract--69.12
- Darwin, Charles Galton, Sir, 1887-1962. The polarization of the electron--69.13
- Das, Kusumeshu. Unidentified work--69.15
- Das, Kusumeshu. The molecular spectrum of hydrogen--69.16
- Das, Kusumeshu. The molecular spectrum of H_2--69.17
- Das, Kusumeshu. The spectrum of H_2--69.18

- Das, Kusumeshu. See also work with O. W. Richardson--24.7-15
- Das, Panchanon. On the secondary spectrum of hydrogen--69.19
- Daunt, John G. (John Gilbert), 1913- . A simple type of helium cryostat--69.20
- Davidson, Percy Maurice, 1902- . Criticisms of some proofs in the quantum theory--69.21
- Davidson, Percy Maurice, 1902- . Eigenfunctions for calculating electronic vibrational intensities--69.21
- Davidson, Percy Maurice, 1902- . The energy function, and the rotational and vibrational constants of the Bohr model, compared with those of the known states of hydrogen--69.21
- Davidson, Percy Maurice, 1902- . Properties of the Bohr model of the hydrogen molecule, and other calculations--69.21
- Davidson, Percy Maurice, 1902- . The spectrum of H_2. The bands analogous to the parahelium line-spectrum--69.21
- Davidson, Percy Maurice, 1902- . See also works with O. W. Richardson--9.3-6, 23.11, 24.1-6, 25.1-11, 25.13-22, 26.1-9, 27.3-8
- Davies, R. M. (Rhisiart Morgan), 1903-1958. The rapid determination of moisture in seeds and other granular substances--69.23
- Davis, A. H. (Alfred Horace), 1892-1980. The measurement of noise--69.24
- Davisson, Clinton Joseph, 1881-1958. An attempt to polarize electron-waves by reflectors--70.3
- Davisson, Clinton Joseph, 1881-1958. Davisson, C. J. - Publications, 1912-date (1930)--70.3
- Davisson, Clinton Joseph, 1881-1958. The diffraction of electrons by a crystal of nickel--70.4
- Davisson, Clinton Joseph, 1881-1958. Diffractions of electrons by metal surfaces: abstract--70.3
- Davisson, Clinton Joseph, 1881-1958. Electron lenses--70.5
- Davisson, Clinton Joseph, 1881-1958. Professor Owen Willans Richardson, Nobel Laureate--70.6
- Davisson, Clinton Joseph, 1881-1958. A proposed variation in the rotation-by-magnetization method of measuring gyromagnetic ratios--70.3
- Davisson, Clinton Joseph, 1881-1958. The scattering of electrons by a single crystal of nickel--70.7
- Davisson, Clinton Joseph, 1881-1958. The scattering of electrons by crystals--70.3
- Davisson, Clinton Joseph, 1881-1958. The scattering of electrons by nickel--70.8
- De Forest, Lee, 1873-1961. The audion-detector and amplifier--70.10
- Debye, Peter J. W. (Peter Josef William), 1884-1966. Sur la theorie dipolaire des dielectriques: abstract--70.9
- Dember, Harry, 1882- . Concerning a method of obtaining very soft roentgen rays in extreme vacuum--70.11
- Deming, W. Edwards (William Edwards), 1900-1993. On the determination of the parameters in an empirical formula--70.12
- Denisoff, Alexander Konstantinovitch, 1905- . Unidentified works (two)--70.13
- Denisoff, Alexander Konstantinovitch, 1905- . About a method of calculation of energy of the activated molecules at some heterogeneous chemical reactions--70.14
- Denisoff, Alexander Konstantinovitch, 1905- . About the electronic yield of some heterogeneous reactions--70.15
- Denisoff, Alexander Konstantinovitch, 1905- . Ascertainment of the magnitude of the effect of the finite length of the cylinder on the number of electrons that reach it--70.13
- Denisoff, Alexander Konstantinovitch, 1905- . Electron emission in chemical reactions--70.16
- Denisoff, Alexander Konstantinovitch, 1905- . The emission of electrons under the influence of chemical action: Report I--70.17
- Denisoff, Alexander Konstantinovitch, 1905- . The emission of electrons under the influence of chemical action: Report II--70.18

- Denisoff, Alexander Konstantinovitch, 1905- . Hysteresis problem--71.3
- Denisoff, Alexander Konstantinovitch, 1905- . New researches on the chemical electron emission--70.13
- Denisoff, Alexander Konstantinovitch, 1905- . Note on the influence of finite electrodes on the determination of velocity distributions in electron emission--70.19
- Denisoff, Alexander Konstantinovitch, 1905- . The Pauli exclusion principle as a consequence of the Bohr-Heisenberg principle of uncertainty--70.20
- Denisoff, Alexander Konstantinovitch, 1905- . Pauli's exclusion principle--70.21
- Denisoff, Alexander Konstantinovitch, 1905- . Pauli's exclusion principle as a consequence of the uncertainly principle--70.20
- Denisoff, Alexander Konstantinovitch, 1905- . The quantum of electricity as a consequence of the theory of relativity and the quantum theory--70.22
- Denisoff, Alexander Konstantinovitch, 1905- . The quantum-mechanical interpretation of the Pauli exclusion principle--70.23
- Denisoff, Alexander Konstantinovitch, 1905- . The quantum-mechanical interpretation of Pauli's exclusion principle--70.23
- Denisoff, Alexander Konstantinovitch, 1905- . Review: The theory of groups and quantum mechanics--70.24
- Denisoff, Alexander Konstantinovitch, 1905- . Some calculations concerning the vacuum system for getting a constant pressure of $COCl_2$ in the testing chamber--70.25
- Denisoff, Alexander Konstantinovitch, 1905- . Some considerations about the mechanism of the chemical emission of electrons--71.1
- Denisoff, Alexander Konstantinovitch, 1905- . Some considerations concerning the direction of the further experiments--71.2
- Denisoff, Alexander Konstantinovitch, 1905- . Subject of the investigation proposed to do under the Rockefeller Fellowship--71.3
- Denisoff, Alexander Konstantinovitch, 1905- . Theory of the chemical electron emission--71.4
- Dent, Beryl M. On observations of points connected by a linear relation--71.5
- Deodhar, Dhundiraj Bhaskar, 1891- . Comparison of intensities of Fulcher lines on the 1st type spectrogram taken on Feb. 23, and on McLennan's plate--71.8
- Deodhar, Dhundiraj Bhaskar, 1891- . List of enhanced lines. First type--71.8
- Deodhar, Dhundiraj Bhaskar, 1891- . List of enhanced lines. 2nd type--71.8
- Deodhar, Dhundiraj Bhaskar, 1891- . Lists of lines and miscellaneous notes on McLennan's plate, etc.--71.7
- Deodhar, Dhundiraj Bhaskar, 1891- . List of lines enhanced in third type--71.8
- Deodhar, Dhundiraj Bhaskar, 1891- . List of lines from H_2- HϒObserved on McLennan's plates...--71.8
- Deodhar, Dhundiraj Bhaskar, 1891- . List of weakened lines - second type--71.6
- Deodhar, Dhundiraj Bhaskar, 1891- . List of weakened lines. Third type--71.8
- Deodhar, Dhundiraj Bhaskar, 1891- . A low voltage luminous discharge in hydrogen in a field-free space--71.9
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- Deodhar, Dhundiraj Bhaskar, 1891- . New bands in the secondary spectrum of hydrogen. Part II--71.10, 71.12
- Deodhar, Dhundiraj Bhaskar, 1891- . New bands in the secondary spectrum of hydrogen. Part III--71.10, 71.12
- Deodhar, Dhundiraj Bhaskar, 1891- . Note on Israj, a remarkable Indian stringed instrument--71.12
- Deodhar, Dhundiraj Bhaskar, 1891- . On atmospheric radio-activity and Indian weather--71.12
- Deodhar, Dhundiraj Bhaskar, 1891- . On the collision of spherical bodies of unequal diameters

and densities at very low velocities--71.12
- Deodhar, Dhundiraj Bhaskar, 1891- . On the study of the spectrum of oxygen under different conditions of excitation--71.12
- Deodhar, Dhundiraj Bhaskar, 1891- . Papers submitted for D. Sc. thesis--71.12
- Deodhar, Dhundiraj Bhaskar, 1891- . Ramaneffekt und wasserstoffspektrum--71.12
- Deodhar, Dhundiraj Bhaskar, 1891- . Structure in the secondary spectrum of hydrogen P^1 & R^1 branches of 2π-mo band system--71.13-14
- Deodhar, Dhundiraj Bhaskar, 1891- . Supplementary table of wavelengths in the secondary spectrum of hydrogen--71.12, 71.15
- Deodhar, Dhundiraj Bhaskar, 1891- . Synopsis of papers submitted by D. B. Deodhar for the D. Sc. exa.--71.12
- Deodhar, Dhundiraj Bhaskar, 1891- . Third type discharge - weakened lines--71.6
- Deodhar, Dhundiraj Bhaskar, 1891- . Über das leuchten der vacuumröhren in der nähe eines funkeninduktors--71.12
- Deodhar, Ganesh Bhaskar. New regularities in electron reflexion phenomena--71.11
- Desch, Cecil Henry, 1874- . Physical and mechanical factors in corrosion--72.6
- Dewar, James, Sir, 1842-1923. Application of liquid hydrogen to the production of high vacua--72.7
- Dhodapkar, C. R. General account of active nitrogen--72.8-9
- Dhodapkar, C. R. The intensities of the nitrogen afterglow bands in mixtures of nitrogen and neon--72.10-12
- Dhodapkar, C. R. Investigations of band spectra of a group of diatomic molecules--72.13
- Dhodapkar, C. R. Studies of the spectra of intermittent arc; or Quenched-arc lines by interrupted arc--72.14
- Dieke, Gerhard Heinrich, 1901-1965. Lines in the far infra-red--72.17
- Dieke, Gerhard Heinrich, 1901-1965. Spectrum of the HD- and D_2- molecules--72.18
- Dieke, Gerhard Heinrich, 1901-1965. The structure of the band spectra of the hydrogen and helium molecule--72.19
- Dieke, Gerhard Heinrich, 1901-1965. Die terme des Wasserstoffmoleküls--72.16
- Dieke, Gerhard Heinrich, 1901-1965. The $3p^3\Sigma \rightarrow 2s^3\Sigma$ bands of HD and D??--73.1
- Dieke, Gerhard Heinrich, 1901-1965. The triplet 3p complex of the hydrogen molecule--72.20
- Dieke, Gerhard Heinrich, 1901-1965. The $2s^1\Sigma \rightarrow 2p^1\Sigma$ bands of the hydrogen molecule--73.2
- Dieke, Gerhard Heinrich, 1901-1965. The ^{1}x-level of the hydrogen molecule--73.3
- Dillon, Teresa Joseph. The relation between hydrogen pressure and filament resistance in a tube containing glowing tungsten--73.4
- Din, Chiragh. Testimonial for Khan Akbar--61.18
- Dines, Lewen Henry George, 1883-1965. On the potential acquired in the natural electric field by a vertical rod standing on the ground, insulated at the bottom and carrying a collector at the top--73.5
- Dixon, Hilda E. R., 1879- . Hilda's remarks on the family connections--72.15
- Dolejsek, V. On the N-series of X-spectra--73.6
- Drinkwater, John W. The determination of vacuum frequencies by the use of a reflection echelon--73.7
- Drinkwater, John W. Notes and calculations--73.8
- Drinkwater, John W. An objective determination of the shape of visibility curves--73.10
- Drinkwater, John W. An objective determination of the visibility curves of a Michelson interferometer--73.9
- Drinkwater, John W. Readings of pressure variation experiments--73.11
- Drinkwater, John W. Trace of Dα and an enlargement of same--osf 1
- Drinkwater, John W. Visibility curves and hyperfine structure in silver--73.12-13
- Drinkwater, John W. Wave-length measurements--73.14

- Drysdale, C. V. (Charles Vickery), 1874-1961. A contribution to the discussion on geometrical optics--74.1
- Drysdale, C. V. (Charles Vickery), 1874-1961. Acoustic measuring instruments--74.1
- Duane, William, 1872-1935. Le caractere de la radiation generale: abstract--74.2
- Dufton, Arthur Felix. Graphic statistics--74.3
- Dufton, Arthur Felix. Graphic statistics: abstract and discussion--74.3
- Dutt, D. Testimonial for Kali Pada Ghose--77.2
- Eckersley, T. L. The limiting polarization of medium waves reflected from the ionosphere--74.5
- Eddington, Arthur Stanley, Sir, 1882-1944. Condition electriques d'une etoile: abstract--74.6
- Eddington, Arthur Stanley, Sir, 1882-1944. The expanding universe--74.6
- Eddington, Arthur Stanley, Sir, 1882-1944. Notes on the method of least squares--74.6
- Eddington, Arthur Stanley, Sir, 1882-1944. Sir Arthur Eddington's recent theories: abstract and discussion--74.6
- Ehrenhaft, Felix, 1879-1952. Unidentified work--74.7
- Ehrenhaft, Felix, 1879-1952. Continuation of experiments with the magnetic current--74.8
- Ehrenhaft, Felix, 1879-1952. Correspondence relating to attempts to publish papers on magnetism--74.7
- Ehrenhaft, Felix, 1879-1952. Curriculum vitae--74.9
- Ehrenhaft, Felix, 1879-1952. The decomposition of water by the magnet and the electric field around the magnetic current--74.10
- Ehrenhaft, Felix, 1879-1952. List of publications--74.11
- Ehrenhaft, Felix, 1879-1952. The magnetic counterpart of Oersted's experiment--74.12
- Ehrenhaft, Felix, 1879-1952. The measurement of the intensity of the magnetic current--74.13
- Ehrenhaft, Felix, 1879-1952. Photophoresis, applications and the question of the existence of true magnetism--74.14
- Ehrenhaft, Felix, 1879-1952. Production of single magnetic poles by light--74.15
- Ehrenhaft, Felix, 1879-1952. Production of single magnetic poles by light: summary--74.15
- Ehrenhaft, Felix, 1879-1952. The story of a dust particle--74.16
- Ehrenhaft, Felix, 1879-1952. Sur la physique de la matiere submicroscopique: abstract--74.17
- El-Sherbini, Mahmoud Ahmed, 1909- . Electron reflection--74.19
- El-Sherbini, Mahmoud Ahmed, 1909- . Electron reflection in the low energy region--74.20-22
- El-Sherbini, Mahmoud Ahmed, 1909- . Material waves & the relation between Einstein's & Bragg's equation--74.24
- El-Sherbini, Mahmoud Ahmed, 1909- . A simple thermal milliammeter--74.23
- El-Sherbini, Mahmoud Ahmed, 1909- . The theory of electron reflection by metals--74.24
- Ellis, C. D. (Charles Drummond), 1895-1980. A note on nuclear selection rules--74.18
- Emsley, H. H. (Harold Heaton). A contribution to the discussion on geometrical optics--75.2
- Ericson, Algot. Spectre d'étincelle condensée dans l'ultraviolet extrême jusqu′ à 88 Å--75.3
- Essen, Louis, 1908-1997. A new form of frequency and time standard--75.4
- Evershed, S. (Sydney), 1857-1939. Permanent magnets in theory and practice--75.5
- Ewing, Alex W. G. (Alexander William Gordon), 1896-1980. High-frequency deafness--75.6
- Ewing, J. A. (James Alfred), 1855-1935. Ferromagnetism and hysteresis--75.7
- Eyles, E. D. New method of measuring the time and efficiency of photographic shutters--75.8
- Fahmy, M. The derivation of Maxwell's equations from the equations of the quantum theory--75.10
- Fahmy, M. A further point of analogy between the equations of the quantum theory and Maxwell's equations--75.10
- Fahmy, M. A point of analogy between the equations of the quantum theory and Maxwell's equations--75.10
- Faraday Society. Bristol meeting: general discussion--gf 5

- Farnsworth, Henry Edward. Distinction between contact potential effects and true reflection coefficients for low-velocity electrons--75.11
- Farnsworth, Henry Edward. H. C. Webster's classification--75.11
- Feng, P. C. The longitudinal thermoelectric effect: (1) copper--75.12
- Fenton, Henry John Horstman, 1854-1929. Testimonial for O. W. Richardson--75.9
- Ferasah, Aziz Milad. Anomolous changes in temperature due to thermionic emission in the filaments of valves--75.13
- Fereday, R. A. An improved method for the comparison of small magnetic susceptibilities--75.14
- Fereday, R. A. On the magnetic susceptibilities of some nickel compounds--75.14
- Fereday, R. A. Some measurements of magnetic susceptibilities at high temperatures--75.14
- Ferguson, Allan, 1880-1951. A method of the determination of the specific heats of liquids, and a determination of the specific heats of aniline and benzene over the approximate range of 20° C to 50° C--75.15
- Ferguson, Allan, 1880-1951. Notes on surface tension measurement--75.15
- Fermi, Enrico, 1901-1954. Sur les moments magnetiques des noyaux--75.16
- Finch, George Ingle, 1888-1970. A cathode-ray oscillographic method of measuring inductance--75.17
- Finch, George Ingle, 1888-1970. Crystal-structure and orientation in zinc-oxide films--75.17
- Finch, George Ingle, 1888-1970. The effect of crystal-size on lattice-dimensions--75.17
- Finch, George Ingle, 1888-1970. A time base for the cathode-ray oscillography of irregularly recurring phenomena--75.17
- Fincham, Edgar F. The coincidence optometer--75.18
- Finkelnburg, Wolfgang, 1905- . Die bandensysteme im molekul-spectrum des wasserstoffs, I. Das singuletsystem--75.19
- Finkelnburg, Wolfgang, 1905- . Die bandensysteme im molekul-spectrum des wasserstoffs, Teil II: Das triplettsystem--75.19
- Finkelnburg, Wolfgang, 1905- . Die bandensysteme im molekul-spectrum des wasserstoffs--75.19
- Firesa, Aziz Milad. Temperature variation of a filament due to its thermionic emission--75.20
- Fisher, Joseph William. Unidentified work, section titled Description of the experimental arrangements--75.21
- Fisher, Joseph William. Biographical data--75.21
- Fisher, Joseph William. An experiment on molecular gyroscopic action--75.21
- Fisher, Joseph William. On diamagnetic rotation--75.21
- FitzGerald, Francis A. J. Discussion of Effects of the variations of thermal resistivities with the temperature--75.22
- FitzGerald, Francis A. J. Experiments on heat insulation--75.22
- Fleming, J. A. (John Ambrose), Sir, 1849-1945. Electrons and light quanta--75.23
- Flint, H. T. (Henry Thomas), 1890-1971. Field equations of electric charges--75.25
- Flint, H. T. (Henry Thomas), 1890-1971. In a recent paper by Dr. J. W. Fisher & the writer the theory was advanced that...--75.24
- Flint, H. T. (Henry Thomas), 1890-1971. The indivisibility of the world line of a free particle--75.24
- Flint, H. T. (Henry Thomas), 1890-1971. The mass of a proton--75.24
- Flint, H. T. (Henry Thomas), 1890-1971. The masses of the proton and electron--75.24
- Flint, H. T. (Henry Thomas), 1890-1971. Note added Dec. 11th 1927--75.24
- Flint, H. T. (Henry Thomas), 1890-1971. Nuclear constitution--75.24
- Flint, H. T. (Henry Thomas), 1890-1971. On the determination of the range of frequencies within the group of mechanical waves of an electron--75.26
- Flint, H. T. (Henry Thomas), 1890-1971. On the development of the quantum equation and a

possible limit to its application--75.24
- Flint, H. T. (Henry Thomas), 1890-1971. The referee asks: What is the object of adding the term...--75.27
- Follett, David Henry. An ultra-violet photoelectric spectrophotometer--75.30
- Follett, David Henry. The use of microphotometric methods in divided-beam spectrophotometry--75.30
- Foster D. Snell, Inc. Report to Ehrenhaft, Felix--100.7
- Foster, E. W. See work with O. W. Richardson--1.6, 2.7, 12.13-14, 13.1-5, 15.13, 28.11, 29.1, gf 5
- Foster, John Stuart. Notes--75.31
- Fowler, R. H. (Ralph Howard), 1889-1944. The thermionic emission constant A--76.1
- Fowler, R. H. (Ralph Howard), 1889-1944. See also work with O. W. Richardson--1.5
- Franck, James, 1882-1964. Spectres de bandes et liaisons chimiques: abstract--76.3
- Fredenhagen, Karl, 1877-1949. The causes of the activity of hot electrodes: summary--76.4
- Fredenhagen, Karl, 1877-1949. The emission of negative electrons from heated metals: summary--76.4
- Fredenhagen, Karl, 1877-1949. Emission of negative electrons from heated potassium and sodium and the activity of the vapors of these metals--76.4
- Freedman, Paul. Experimental procedure--76.5
- Freedman, Paul. Vacuum tube details--76.5
- French, James Weir. A contribution to the discussion on geometrical optics--76.6
- Frenkel, Yakov Il'ich, 1894-1952. Nouveaux developments de la theorie electronique des metaux: abstract--76.7
- Friend, J. Newton (John Newton), 1881- . The relative corrodibilities of iron and steel--76.8
- Gabor, Dennis, 1900-1979. Energy conversion in electronic devices--76.10
- Gaede, Wolfgang, 1878-1945. Demonstration of a rotating mercury air pump: summary--76.11
- Gale, Henry Gordon, 1874-1942. Wave-lengths in the secondary spectrum of hydrogen--76.12
- Ganesan, A. S. Testimonial for B. V. Thosar--76.9
- Gaskell, George Arthur. The nature of life--76.13
- Gaydon, A. G. (Alfred Gordon). Colour sensations produced by ultra-violet light--76.14
- Gehloff, Georg, 1882- . Lehrbuch der technischen physik. 1284. Classification of the independent discharges--76.15
- Gehrts, A. Reflected and secondary rays of photo-electric cathode rays: summary--76.16
- General Electric Company (Great Britain). Thermionic valves with dull-emitting filaments--76.17
- George, William Herbert. Sensitivity variation of X-ray photographic films--76.18
- Gerlach, Walther, 1889-1979. Der experimentelle nachweis des magnetischen moments des silber atoms--76.19
- Gerlach, Walther, 1889-1979. Der experimentelle nachweis der richtungsquantelung in magnetfeld--76.19
- Gerlach, Walther, 1889-1979. Das magnetische moment des silber atoms--76.19
- Gerlach, Walther, 1889-1979. A new relation between magnetic and electric phenomena--76.19
- Gerlach, Walther, 1889-1979. Sur la susceptibilite magnetique des gaz: abstract--76.19
- Ghose, Kali Pada, 1894- . Application for admission to the University of London--77.2
- Gianfranceschi, Giuseppe, 1875-1934. Sur la signification physique de la theorie des quanta: abstract--76.20
- Gibbs, William E. The corrosion of a solid solution - 70/30 brass--76.21
- Gimpel, Irena. The secondary electron emission from copper in the low primary energy region--76.22-23
- Gimpel, Irena. The secondary electron emission from copper in the low primary energy region:

synopsis--76.22-23
- Giorgi, Giovanni, 1871-1950. L'electrodynamique de W. Ritz et la theorie balistique de la lumiere-observations critiques--76.24
- Glazebrook, Richard, 1854-1935. The fourth unit of the Giorgie system of electrical units--76.25
- Glazebrook, Richard, 1854-1935. Note on the three absolute systems of electrical measurements--76.25
- Glockler, George, 1890-1969. Estimates of average bond energies and resonance energies of hydrocarbons--76.26
- Goche, Omer. The structure of silver films--76.27
- Gogate, D. V. Effusion phenomena in relativistic quantum statistics: detailed calculations--76.29
- Gogate, D. V. A relativistic study of Joule-Thomson effect and adiabatic processes in a gas--76.29
- Gold, E. Aberration of light--76.30
- Gossling, B. S. The development of thermionic valves for naval uses--76.31
- Green, S. E. Note on the photography of Fabry and Perat interferometer fringes by the use of a simple optical system--77.5
- Green, S. E. The spherical shell method of determining the thermal conductivity of a thermal insulator--77.5
- Grew, Kenneth Edmond. Thermal diffusion in deuterium mixtures--77.6
- Griffiths, Albert. Note on the calculation of the coefficient of diffusion of salt at a definite concentration--77.7
- Griffiths, Ezer, 1888- . The latent heat of some refrigerants--77.8
- Griffiths, J. H. E. A circuit for counting impulses at high speeds of counting--77.9
- Grimmett, Leonard George . A direct-reading γ-ray electroscope--77.10
- Grimmett, Leonard George. Electrostatics--77.11
- Grimmett, Leonard George. Heat and thermodynamics--77.10
- Grueneisen, Eduard. Conductivite electrique et thermique dans les metaux: abstract--77.12
- Haas, Wander Johannes de, 1878-1960. On the moment of momentum in a magnetized body--77.15
- Hahn, Otto, 1879-1968. A study of electronics as an aid to the solution of electric power engineering problems--77.16
- Hall, Edwin Herbert, 1855-1938. Volta a decouvert que le contact de deux metaux differents.. : abstract--77.17
- Halliday, E. C. (Eric Clifford). The accurate determination of ionospheric equivalent heights--77.18
- Hambuechen, Carl. . Performance of dry cells--77.19
- Hampton, W. M. The flashing character of aerodrome floodlight beacons--77.20
- Hansel, C. W. An contribution to the discussion on geometrical optics--77.21
- Hanson, E. T. The dynamical theory of resonators--77.22
- Harnack, Gustav. Auf dem wege zur Wahrheit--77.23
- Harris, F. C. (Francis Cecil). The variation of double refraction in celluloid with the amount of permanent stretch at constant temperature and at different temperatures--77.24
- Harrison, Edward Philip. An impedance magnetometer--77.25
- Harrison, T. H. The photo-electric and thermionic work functions of tungsten and platinum--77.26
- Harrison, T. H. A study of the concurrent variations in the thermionic and photo-electric emission from platinum and tungsten with the state of the surfaces of these metals--77.26
- Harteck, Paul, 1902- . The preparation of heavy hydrogen--77.27
- Hartridge, Hamilton, 1886- . The effect of phase-change on the cochlea--77.28

- Hartshorn, L. (Leslie), 1895- . The frequency errors of rectifier instruments of the copper-oxide type for alternating current measurement--77.29
- Hartshorn, L. (Leslie), 1895- . Surface resistivity measurements on solid dielectrics--77.29
- Harvey, A. The band spectrum of beryllium monoxide--77.30
- Harvey, J. A harmonic analyser--77.31
- Haslam, Robert Newman Hoyles, 1909- . Report on the Stark effect for the D-lines of sodium--77.32
- Hatfield, H. (Henry). The action of alternating and moving magnetic fields upon particles of magnetic substances--78.1
- Hatfield, H. (Henry). A method of investigating the Hall effect--78.1
- Heard, John Frederick, 1907- . Pressure effects in the spectra Xe I and Xe II--78.2
- Heathcote, Niels H. de V. (Niels Hugh de Vaudrey). Nobel prize winners in physics, 1901-1950--78.3
- Heisenberg, Werner, 1901-1976. Nouveaux resultats de la mecanique des quanta sur les proprietes des particules elementaires electriques: abstract--78.4
- Heitler, Walter, 1904-1981. The mesotron from the theoretical point of view--78.5
- Henderson, G. M. The reactions of liquid ethyl benzene with oxygen in glass vessels--78.6
- Henry, P. S. H. The tube effect in sound-velocity measurements--78.7
- Hepburn, H. C. Electro-endosmosis and electrolytic water-transport. Part II--78.8
- Hepburn, H. C. Electrolytic water-transport and ionic transport numbers--78.8
- Herd, J. F. (James Fleming). The generation and reception of wireless signals of short duration--78.9
- Herd, J. F. (James Fleming). The generation and reception of wireless signals of short duration: abstract and discussion--78.9
- Hering, Carl, 1860-1926. Effects of the variations of thermal resistivities with the temperature--78.10
- Hering, Carl, 1860-1926. Uniformity and simplicity in electrochemical and electrothermal calculations--78.10
- Herroun, Ed. F. Ferromagnetic ferric oxide--78.11
- Hettinger, John, 1880- . Improvements in and relating to telegraphic and other instruments and installations--78.12
- Hill, R. D. (Robert Dickson), 1913- . Intensity of y radiation produced by slow neutrons--78.15
- Hill, R. D. (Robert Dickson), 1913- . Interactions of neutrons with matter--78.15
- Hill, R. D. (Robert Dickson), 1913- . Report on practical work--78.16
- Hilton, Harold, 1876- . Testimonial for Elizabeth Smith--78.13
- Hoare, F. E. (Frank E.). The diamagnetic susceptibilities of dissolved and hydrated salts--78.18
- Hoather, William Henry, 1912- . The density and coefficient of expansion of liquid gallium over a wide range of temperature--78.19
- Hollingworth, J. The structure of the ionosphere--78.20
- Holtsmark, Johan, 1894- . List of published papers--78.21
- Honore, D. Testimonial for P. Rama Pisharoti--77.2
- Hopfield, John Joseph, 1891- . Absorption and emission spectra in the region λ600-1100--78.22
- Hopfield, John Joseph, 1891- . New spectrum of the hydrogen molecule--78.22
- Horn, H. F. Theory of celestial mechanics and terrestrial energy--78.23
- Hornbostel, Erich Moritz von, 1877-1935. The time-theory of sound localization: a restatement--78.24
- Horrex, Charles, 1911-1990. The pyrolysis of dibenxyl--78.25
- Howell, H. G. Vibration frequencies & the periodic table--78.26
- Hughes, J. V. On the spurious ring exhibited by flourescent screens--78.27
- Hull, Gordon Ferrie, 1870- . Notes on the pressure of radiation--79.1

- Hull, R. A. Transmission of light through a pile of parallel plates--79.2
- Humby, S. C. A contribution to the discussion on geometrical optics--79.3
- Hund, Friedrich, 1896-1997. Chemical binding--79.4
- Hussain, S. L. Absorption spectra and photodissociation of halides and osyhalides of sulphur, selenium and tellurium--79.5
- Hyman, Hugh Harvey, 1896- . Molecular constants of hydrogen--79.6
- Hyman, Hugh Harvey, 1896- . The moment of inertia of hydrogen in the normal state--79.6
- Hyman, Hugh Harvey, 1896- . The resonance (B-A) band system of the hydrogen molecule--79.6
- Ibbs, Thomas L. The influence of low temperatures on the thermal diffusion effect--79.8
- Ibbs, Thomas L. Thermal diffusion at low temperatures--79.8
- Ichinohe, Riujiro. Unilateral electrical conductivity in a vacuum bulb containing an incandescent metallic filament--79.9
- Iles, W. G. The behavior of a single hair hygrometer under varying conditions of temperature and humidity--79.10
- Imanishi, Sunao, 1899-1969. See work with O. W. Richardson--19.9
- Irons, Eric John, 1903- . A falling-weight time switch: its standardization and application to the determination of the time constant of an inductive circuit--79.13
- Islamia College, Lahore (Pakistan). Testimonial for Khan Akbar--61.18
- Jack, David, 1896-1975. The band spectrum of water vapour: abstract--79.15
- Jack, David, 1896-1975. The band spectrum of water vapour, II--79.15
- Janet, Paul, 1863-1937. Resume de la communication de M. Paul Janet--79.16
- Jay, A. H. The estimation of small differences in X-ray wave-lengths by the powder method--79.17
- Jay, A. H. A high temperature X-ray camera for precision measurements--79.17
- Jeans, James, 1877-1946. Endowments Committee: Memorandum--79.18
- Jeans, James, 1877-1946. Joule Fund--79.18
- Jeans, James, 1877-1946. Report H. A. Jahn--79.18
- Jeffreys, Harold, Sir, 1891- . Time and amplitude relations in seismology--79.19
- Jenkins, R. O. (Ronald Osmond). Oxide films on liquid metals studied by means of electron-diffraction--79.20
- Jenkins, Walter A. Testimonials for Kali Pada Ghose--77.2
- Jevons, Wilfred. The band spectrum of lanthanum monoxide--79.21
- Jevons, Wilfred. The ultra-violet band-system of germanium monoxide--79.21
- Jevons, Wilfred. Ultra-violet band-systems of GeCl and Gebr--79.21
- Jevons, Wilfred. Ultra-violet band-systems of SiCl--79.21
- Jevons, Wilfred. Ultra-violet band systems of SnBr and SiBr--79.21
- Johnson, Arden Richard. On the nature of zinc cementizing (sherardizing)--79.22
- Johnson, B. K. (Benjamin King), 1896- . Resolving power tests on microscope objectives used with ultra-violet radiation--79.23
- Johnson, B. K. (Benjamin King), 1896- . Sources of illumination for ultra-violet microscopy--79.23
- Johnson, Martin, 1896-1983. The adsorption of hydrogen, and other molecular problems in vacuo--79.24
- Johnson, Martin, 1896-1983. Assessor's report by the University of Birmingham--79.24
- Johnson, Martin, 1896-1983. Doppler effects and intensities of lines in the molecular spectrum of hydrogen positive rays--79.24
- Johnson, Martin, 1896-1983. The effect of photosensitized mercury vapour on the walls of silica vacuum tubes--79.24
- Johnson, Martin, 1896-1983. Models of the superposition and interpenetration of components in gas mixtures adsorbed upon thermionic, photoelectric, and catalytic surfaces: Part I,

Principles--79.24
- Johnson, Martin, 1896-1983. Surface heating by neutralised positive rays before and after return to normal state--79.24
- Johnson, Raynor Carey. Application for the Chair of Experimental Physics at Queen's University, Belfast--79.25
- Jones, E. G. The hyperfine structure of perturbed series--79.6
- Jones, E. G. A note on the hyperfine structure in the arc spectrum of xenon--79.6
- Jones, H. The phase boundaries in binary alloys, Part 1: The equilibrium between liquid and solid phases--79.28
- Jones, H. The phase boundaries in binary alloys, Part 2: The theory of the α+β phase boundaries--79.28
- Jones, J. Herbert. The kinetic energy of electrons emitted from a tungsten filament: summary--79.29
- Kapitsa, P. L. (Petr Leonidovich), 1894-1984. Experimental research in strong magnetic fields--79.30
- Kapitsa, P. L. (Petr Leonidovich), 1894-1984. Methods of experimenting in strong magnetic fields--79.30
- Kar, K. C. (Kulesh Chandra), 1899?- . The theory of intermittent action and series spectra--79.31
- Kemp, C. F. B. Some properties of the sound emitted by airscrews--80.1
- Kennelly, Arthur E. (Arthur Edwin), 1861-1939. L'attenuation normale dans les reseaux conducteurs d'electricite: abstract--80.2
- Khan, Ajab. Testimonial for Khan Akbar--61.18
- Khan, Muzaffar. Testimonial for Khan Akbar--61.18
- King, Albert Wilson. Let us next test the second Maxwellian equation...--80.3
- Kingslake, Rudolf. The knife-edge test for spherical aberration--80.4
- Kistiakowsky, George B. (George Bogdan), 1900-1982. Ethane-ethylene and propane-propylene equilibria--80.5
- Kitchlu, P. K. Testimonial for Khan Akbar--61.18
- Kleeman, Richard D. (Richard Daniel). The absolute zeros of the externally controllable internal energy and entropy of a substance or mixture--80.6
- Kloss, C. A. Relations between the fundamental physical constants--80.7
- Kondrat'ev, V. N. (Viktor Nikolaevich), 1902-1979. The recombination spectra of halogens and the probability of molecular formation from the atoms--80.8
- Kooyman, Eduard Cornelis. Structural factors governing the reactivities of a-methylenic groups towards active free radicals--80.9
- Kotisvaram, P., 1915- . Application for the Degree of Doctorate in Science at the University of Madras--80.10
- Kowalke, O. L. (Otto Louis), 1878- . The volatility of zinc oxide--80.11
- Kronig, R. (Ralph), 1904- . Intensitäten in den spektren zwieatomiger moleküle bei entkopplung des elektronenbahnimpulses--80.13
- La Rosa, Michele, 1880-1933. Sur l'applicabilite du principe balistique a la vitesse de la lumiere: abstract--80.21
- Laby, T. H. (Thomas Howell), 1880-1946. The effect of the aeration of the water used in the determination of the mechanical equivalent of heat--80.15
- Lacount, Reginald Gage. Interferometer wave-lengths in the secondary spectrum of hydrogen--80.16
- Lal, Prakash. Testimonial for Khan Akbar--61.18
- Landahl, Herbert Daniel, 1913- . Interferometer measurements of wave-lengths in H_2 bands--80.17
- Langmuir, Irving, 1881-1957. Decharges electriques dans les gaz a basse pression:

abstract--80.19
- Langmuir, Irving, 1881-1957. The effect of space charge and residual gases on thermionic currents in high vacuum--80.19
- Langstroth, George Otty, 1905- . The excitation of band systems by electron impact--80.20
- Laue, Max von, 1879-1960. L'influence de la temperature sur l'interferance des rayons x--80.18
- Lazareff, P. Sur la theorie electrique de la vision: abstract--80.22
- Lederer, Ernst Anton, 1895- . Improvements in electric rare gas illuminating lamps--80.24
- Lederer, Ernst Anton, 1895- . Improvements in electric rare gas illuminating lamps: statutory declaration--80.24
- Leigh-Smith, Alice. Interchange of heavy atoms in metallic methyls--80.25
- Leigh-Smith, Alice. Radioactive vapours: Their preparation and their application to the investigation of low energy β-rays in the expansion chamber--80.25
- Lenard, Philipp, 1862-1947. Production of cathode rays by ultra-violet light: summary--80.27
- Lennard-Jones, J. E. (John Edward), 1894- . A survey of the principles determining the structure and properties of molecules. Part I: The factors responsible for molecular shape and bond energies--80.28
- Lessheim, Hans. The linkage of CO_2 and CO--80.29
- Levi-Civita, Tullio, 1873-1941. Civita sur les invariants adiabatiques: abstract--80.30
- Levick, R. B. M. A criticism of the theory of relativity: an alternative. Addenda and corrigenda--80.31
- Levy, H. (Hyman), 1889- . On the combination of observational data--80.32
- Lewis, Allen James. The absolute measurement of the viscosity of liquid tin--80.33
- Leyshon, W. A. (Winifred Agnes). Characteristics of discharge tubes under"flashing" conditions as determined by means of the cathode ray oscillograph--80.34
- Leyshon, W. A. (Winifred Agnes). On a new type of electronic oscillator tube with parallel plane grids--80.34
- Leyshon, W. A. (Winifred Agnes). On periodic movements of the negative glow in discharge tubes--80.34
- Leyshon, W. A. (Winifred Agnes). Some experiments on electronic oscillations--80.34
- Li, M. K. The longitudinal thermoelectric effect: III. aluminum--80.36
- Lilienfeld, Julius Edgar, 1882-1963. The conduction of electrcity in extreme vacua--80.37
- Lilienfeld, Julius Edgar, 1882-1963. The conduction of electrcity in extreme vacua. IV. Results of experimental observations--80.37
- Lilienfeld, Julius Edgar, 1882-1963. The conduction of electrcity in extreme vacua. III. The apparatus--80.37
- Lilienfeld, Julius Edgar, 1882-1963. The conduction of electrcity in extreme vacua: diagram 20--80.37
- Lilienfeld, Julius Edgar, 1882-1963. Wehnelt cathode in high vacuum. A remark to the article of Fred Soddy--80.37
- Liquier-Milward, Jeanne. Magnetic susceptibility of cerium chloride in aqueous solution and its variation with temperature--81.2
- Liveing, G. D. (George Downing), 1827-1924. Testimonial for O. W. Richardson--81.3
- Llewellyn-Jones, F. (Frank), 1907- . Electron energies and excitation in the helium positive column--79.27
- Llewellyn-Jones, F. (Frank), 1907- . The energy of agitation of positive ions in argon--79.27
- Llewellyn-Jones, F. (Frank), 1907- . Secondary emission from copper due to slow positive ions of argon--79.27
- Llewellyn-Jones, F. (Frank), 1907- . The sparking potential of mercury vapour--79.27
- Lock, C. N. H. (Christopher Noel Hunter). The equations of motion of a viscous fluid in tensor notation--81.5
- London, Fritz, 1900-1954. Testimonial for Lorenz Frank--81.4

- Long, R. G. Biographical data--82.8
- Lorentz, H. A. (Hendrik Antoon), 1853-1928. Notes sur la theorie des electrons--82.9
- Lorentz, H. A. (Hendrik Antoon), 1853-1928. Sur la rotation des electrons: abstract--82.9
- Lovell, Bernard, 1913-2012. The electrical conductivity of thin films of the alkali metals spontaneously deposited on glass surfaces--82.10
- Lowater, F. The band spectrum of zirconium oxide--82.11
- Lowery, Harry, 1896- . On the optical constants of alloys of the copper-zinc system--82.12
- McCleery, D. K. . The fall of potential in a charged insulated cable--82.14
- MacDonald, J. K. L. A theory of some electron-levels in H_2--82.15
- MacDonald, J. K. L. Theory of uncoupling and formula for the Stark effect in H_2--82.15
- MacDonald, J. K. L. Values of E--82.15
- McDowell, Charles A. The ionization and dissociation of molecules by electron impact--82.16
- MacGregor-Morris, John Turner, 1872- . A spectrographic examination of arcs between plain soot carbons and its connection with the candle-power per ampere of the positive crater--82.17
- McKay, A. T. Further study of diffusion for the infinite plane sheet--82.18
- McLachlan, N. W. (Norman William), 1888- . The accession to inertia of flexible discs vibrating in a fluid--82.19
- McLachlan, N. W. (Norman William), 1888- . The axial sound-pressure due to diaphragms with nodal lines--82.19
- McLachlan, N. W. (Norman William), 1888- . On the effective mass of flexible discs and conical diaphragms used for sound reproduction--82.19
- McLachlan, N. W. (Norman William), 1888- . On the symmetrical modes of vibration of truncated conical shells; with applications to loud-speaker diaphragms--82.19
- McLachlan, N. W. (Norman William), 1888- . Spherical sound-waves of finite amplitude--82.19
- McLennan, J. C. (John Cunningham), 1867-1935. The Raman effect with liquid oxygen, nitrogen, and hydrogen--82.20
- McLennan, J. C. (John Cunningham), 1867-1935. The secondary spectrum of hydrogen at very low temperatures--82.20
- McLennan, J. C. (John Cunningham), 1867-1935. Le spectre d l'aurore boreale: abstract--82.20
- McPetrie, J. S. (James Stuart). A determination of the electrial constants of the earth's surface at wave-lengths of 1.4 and 0.46 m.--82.21
- Maddock, A. J. Absolute intensities in the spectrum of a low-pressure quartz mercury-vapour discharge burner--82.22
- Maddock, A. J. Absolute intensities in the spectrum of quartz mercury arcs and their variation with temperature-changes of the surrounding air--82.22
- Maddock, A. J. The generation of current pulses of rectangular wave-form--82.22
- Mahanti, P. C. The band spectrum of barium oxide--82.23
- Mahanti, P. C. The band spectrum of vanadium oxide--82.23
- Majorana, Quirino. Radiotelephonie par rayons ultra-violets: abstract--83.1
- Majumdar, V. A. Testimonial for Riaz Ahmad--36.13, 77.2
- Manley, J. J. The determination of refractivity temperature coefficients for liquids--83.2
- Manley, J. J. A new precision tintometer--83.2
- Marcotte, Frank B., 1923- . The reactions of radicals from acetone with oxygen--83.4
- Marsh, Sydney. The characteristics of a Geissler tube containing a Wehnelt cathode--83.5
- Marsh, Sydney. Extracts from the dissertation--83.5
- Marsh, Sydney. Summary of some points under discussion on Friday, Dec. 1st, 1916--83.5
- Martin, L. C. (Louis Claude). The theory of the microscope--83.6
- Martin, L. C. (Louis Claude). The theory of the microscope, II: Dark-ground illumination--83.6
- Marton, L. (Ladislaus), 1901- . Note de Monsieur Lasislas Marton--83.3
- Marton, L. (Ladislaus), 1901- . Travaux de Ladislas Martin--83.3

- Martyn, D. F. (David Forbes), 1906- . Long-distance observations of radio waves of medium frequencies--83.7
- Martyn, D. F. (David Forbes), 1906- . The propagation of medium radio waves in the ionosphere--83.7
- Massey, Harrie Stewart Wilson, Sir. List of published papers--83.8
- Mathers, Frank Curry, 1881- . The effect of addition substances in lead plating baths--83.9
- Mathers, Frank Curry, 1881- . Preparation of perchloric acid--83.9
- Mathur, S. B. L. Testimonial for Riaz Ahmad--36.13, 77.2
- May, J. (John). The propagation of supersonics in capillary tubes--83.11
- Mecke, Reinhard, 1895- . Die bandensysteme des Wasserstoff-molekuls--83.12
- Melville, H. W. (Harry Work). The kinetics of the interaction of trichloromethyl radicals with cyclohexane--83.13
- Mercer, E. H. (Edgar Howard), 1919- . Spreading of paraffin oils containing fatty acids on aqueous solutions of calcium ions--83.14
- Merton, Thomas Ralph, Sir, 1888- . See work with O. W. Richardson--20.5
- Meyer, Erwin, 1899- . Analysis of noises and musical sounds--83.15
- Miller, H. (Harold), 1909-1995. The electrical reproduction of images by the photoconducive effect--83.16
- Miller, W. Lash (William Lash), 1866-1940. The influence of diffusion on electromotive force produced in solutions by centrifugal action--83.17
- Millikan, Robert Andrews, 1868-1953. The influence of temperature upon photoelectric effects: summary--83.18
- Millikan, Robert Andrews, 1868-1953. Rayons cosmiques: abstract--83.18
- Millington, G. Attenuation and group retardation in the ionosphere--83.19
- Millington, G. Ionization charts of the upper atmosphere--83.19
- Millington, G. Ionization charts of the upper atmosphere, Part II--83.19
- Minhaj-ud-Din. Testimonial for Khan Akbar--61.18
- Mitchell, Kenneth, 1911- . The theory of the surface photo-electric effect in metals - II--83.20
- Moon, Philip Burton. Note on the neutrality of the neutron--83.21
- Moon, Philip Burton. On the passage of neutrons through paraffin wax--83.21
- Moore, H. (Harry), 1887-1960. Obituary notice of Sir Herbert Jackson--83.22
- Moore, L. A contribution to the discussion on geometrical optics--83.23
- Morris-Airey, Harold. The development of naval high-power valves--83.24
- Mosharrafa, A. M. The generalized quantum conditions and the hypothesis of half quanta--83.26
- Mosharrafa, A. M. List of publications--83.27
- Mosharrafa, A. M. Material and radiational waves (continual)--83.28
- Mosharrafa, A. M. Matter and radiation as propagated discontinuities--83.29
- Mosharrafa, A. M. The motion of a Lorentz electron as a wave phenomenon--83.30
- Mosharrafa, A. M. On the quantum dynamics of degenerate systems--83.31
- Mosharrafa, A. M. Wave mechanics and the dual aspect of matter and radiation--83.32
- Moss, Eric Beecroft, 1902- . An automatic photo-electric photometer--83.33
- Moss, Eric Beecroft, 1902- . A ballister recorder for small electric currents--83.33
- Mott, N. F. (Nevill Francis), Sir, 1905- . The energy of the superlattice in B brass--84.1
- Mott, N. F. (Nevill Francis), Sir, 1905- . Note on the theory of photo-conductivity--84.1
- Mott, N. F. (Nevill Francis), Sir, 1905- . The theoretical interpretation of the optical constants of copper-zinc alloys--84.1
- Mulcahy, M. F. R. The kinetics of oxidation of hydrocarbons in the gas phase. A theory of the low-temperature mechanism--84.2
- Mulliken, Robert Sanderson. Band spectra and atomic nuclei--84.3
- Mulliken, Robert Sanderson. I should like to make some comments...--84.4

- Mulliken, Robert Sanderson. Proposed symbolism for molecular spectra (diatomic molecules)--84.5
- Mulliken, Robert Sanderson. Report on notation for spectra of diatomic molecules--84.6
- Mulliken, Robert Sanderson. This letter is intended to supplement the one sent under date...--84.7
- Mutlow, Winifred A. Biographical data--84.8
- Naidu, R. The B-ray spectra of some induced radioactive elements resulting from neutron bombardment--84.10
- Naismith, R. (Robert), 1901-1973. A comparison of the frequency-change and group-retardation methods of measuring ionized-layer equivalent heights--84.11
- Naismith, R. (Robert), 1901-1973. A comparison of the frequency-change and group-retardation methods of measuring ionized-layer equivalent heights: abstract and discussion--63.31
- Naismith, R. (Robert), 1901-1973. Ionospheric conditions during the solar eclipse of 19 June 1936--84.12
- Nakaya, Ukichiro, 1900-1962. On the emission of soft x-rays by different elements, with reference to the effect of adsorbed gas--84.13
- Narayan, A. L., 1890- . A note on λ4722 of bismuth and the nature of"raies ultimes"--84.14
- Narayan, A. L., 1890- . On the absorption and series spectra of nickel--84.15
- Nasr, Abbas Aly. Vacuum wave-length measurements in the argon spectrum by means of the reflection echelon--84.16
- Nasr, Abbas Aly. Vacuum wave-length measurements in the argon spectrum by means of the reflection echelon grating: summary--84.16
- Nelson, J. H. Anomalous trichromatism and its relation to normal trichromatism--85.4
- Nelson, J. H. The colour-vison characteristics of a trichromat, Part 2--85.5
- Nettleton, Harold Redmayne, 1884- . The absolute measurement of electrical resistance by a new rotating-coil method--85.6
- Nettleton, Harold Redmayne, 1884- . The measurement of electrical resistance in terms of a mutual inductance and a period--85.6
- Nettleton, Harold Redmayne, 1884- . A sensitive rotating-coil magnetometer--85.6
- Newbold, A. A. See work with O. W. Richardson--2.1, 3.6, 4.1, 23.1, 23.10, 29.15, 30.1, 30-2-3, 30.4
- Nicol, J. Audion research--85.7
- Nicol, J. See also work with O. W. Richardson--31.1-4
- Nugent, T. C. The scattering of light by particles of metallic oxides dispersed in dry air--85.10
- Nunn May, Alan, 1911-2003. The extinction of discharges in Geiger-Muller counters--83.10
- Nuttall, J. M. (John Mitchell), 1890-1958. A method of examining spectroscopic photographs--85.11
- Oatley, Charles William 1904-1996. A negative-resistance device and its application to harmonic analysis--85.13
- Oosterhoff, Luitzen Johannes. The isomers of cyclohexane. Part II.--85.14
- Oosterhoff, Luitzen Johannes. Restricted rotation in ethane, Part I--85.14
- Ornstein, L. S. (Leonard Salomon), 1880-1941. Intensity measurements in the secondary spectrum of hydrogen--85.15
- Owen, D. Note on the bar pendulum--85.16
- Owen, E. A. (Edwin Augustine), 1887-1973. X-ray investigation of pure iron-nickel alloys. Part 1: thermal expansion of alloys rich in nickel--85.17
- Oxley, A. E. On the transformations of pure iron--85.18
- Paget, Richard, 1869- . Audition in relation to speech, and the production of speech sounds by the human vocal apparatus, by acoustical or electrical resonators and by musical instruments--85.20

- Palmer, Lionel Stanley, 1891- . The action of a tuned rectangular frame aerial when transmitting short waves--85.22
- Palmer, Lionel Stanley, 1891- . The current variation in a short-wave square frame aerial revolving in its own plane--85.22
- Palmer, Lionel Stanley, 1891- . The current-distribution round a short-wave frame aerial--85.22
- Palmer, Lionel Stanley, 1891- . On a theory of the action of rectangular short-wave frame aerials--85.22
- Palmer, Lionel Stanley, 1891- . Some experiments with ultra-short wireless waves in water. demonstration given on October 20, 1933--85.22
- Panjab University. Testimonial for Khan Akbar--61.18
- Paranjpe, G. R. Testimonial for Riaz Ahmad--36.13, 77.2
- Paris, E. T. The determination of the acoustical characteristics of singly-resonant hot-wire microphones--85.23
- Parker, R. C. The smoke method of measuring supersonic velocities--85.24
- Parti, Y. P. Absorption spectra of some carbon and tin halides in the vapour state--85.25
- Paschen, F. (Friedrich), 1865-1947. Les sources lumineuses pour la spectroscopie: abstract--85.19
- Patkowski, Józef, 1887-1942. The isotope effect in the absorption spectrum of ICL--85.26
- Pauli, Wolfgang, 1900-1958. Bericht über die allegemeinen eigenschaften der elementarteilchen--85.27
- Pauli, Wolfgang, 1900-1958. Les theories quantique de magnétisme l'électron magnetique--85.28
- Pearse, R. W. B. (Reginald William Blake). The spectrum of manganese hydride, MnH--85.29
- Pearson, E. B. On the behaviour of suspended particles in air, and the velocity of sound at supersonic frequencies--85.30
- Peddie, W. (William), 1861-1946. The interrelations of magnetization and temperature in crystals--85.31
- Pegler, Geoffrey David. A dynamometer null method of measuring the inductance and the effective resistance of iron-cored chokes carrying direct current--85.32
- Peierls, Rudolf E. (Rudolf Ernst), 1907-1995. The fundamental paradox of the quantum theory--86.1
- Peierls, Rudolf E. (Rudolf Ernst), 1907-1995. Self-energy problems--86.2
- Penman, H. L. (Howard Latimer), -1984. The effect of temperature on supersonic dispersion in gases--86.3
- Penney, William George Penney, Baron, 1909-1991. A note on the twisting-frequency in ethylene--86.4
- Perfect, D. S. A method of eliminating the effects of magnetic disturbance in highly sensitive galvanometers--86.5
- Perry, J. W. Monochromators for purposes of irradiation--86.6
- Perucca, Eligio, 1890-1965. Effet triboelectrique et effet Volta: abstract--86.7
- Petrie, Douglas P. R. Report of research for year ending May 31, 1935--86.8
- Philip, Arnold. The zinc-copper-couple hypothesis of brass corrosion--86.9
- Piddington, J. H. (Jack Hobart). The origin of radio-wave reflections in the troposphere--87.10
- Pisharoty, P. R. Application for admission to University of London--77.2
- Pitzer, Kenneth S. (Kenneth Sanborn), 1914-1997. Potential energies for rotation about single bonds--87.11
- Planck, Max, 1858-1947. Sur la difference de potentiel dans les solutions diluees: abstract--87.13
- Potter, Harold Herbert, 1900- . The distribution of velocities among the electrons emitted by hot platinum in an atmosphere of hydrogen--87.14

- Potter, Harold Herbert, 1900- . Note on the gravitational acceleration of bismuth--87.15
- Potter, Harold Herbert, 1900- . Some experiments on the proportionality of mass and weight--87.16
- Powell, F. C. (Frank Charles). The change in size of a ferro-magnetic at the Curie point--87.17
- Powell, R. W. Further measurements of the thermal and electrical conductivity of iron at high temperature--87.18-19
- Powell, R. W. The thermal and electrical conductivity of metals and alloys: Part 1, iron from 0° to 800° C--87.18-19
- Powell, R. W. The thermal and electrical conductivity of metals and alloys: Part 2, some heat-resistant alloys from 0° to 800° C--87.18-19
- Powell, R. W. The thermal and electrical conductivity of a sample of Acheson graphite from 0° to 800° C--87.18-19
- Powell, R. W. The use of thermocouples for psychrometric purposes--87.18-19
- Preston, John Silvey, 1905- . The illumination-response characteristics of vacuum photoelectric cells of the Elster-Geitel type--87.20
- Pretty, W. E. Pressure shifts in line spectra of gases: I. Spectrum of ionised nitrogen, N11--87.21
- Pretty, W. E. The Swan band spectrum of carbon--87.21
- Price, William Charles, 1909- . Theoretical intensities in the spectrum of H_2--87.22
- Pring, John Norman, 1884- . The ionisation produced by carbon at high temperatures: summary--87.23
- Quarrell, Arthur George, 1910- . Structural changes during the growth of metal films--87.25
- Railston, W. The effect of pressure on supersonic dispersion in gases--87.26
- Ram, Mela. Testimonial for Mahabir Dial Mathur--87.27
- Raman, C. V., 1888-1970. On the diffraction of light by spherical obstacles--87.28
- Raman, C. V., 1888-1970. Report on paper submitted by Mr. S. Parthasarathy for the Degree of Doctor of Science of the University of Bombay--87.28
- Ramsauer, Carl, 1879-1955. Ungültigkeitserklarung der arbeit von E. Rupp--87.29
- Randolph, C. P. The thermal resistivity of insulating materials--88.1
- Rankine, Alexander Oliver, 1881-1956. Note on the behaviour of the Eotvos gravity balance in fluctuating gravitational fields--88.2
- Rankine, Alexander Oliver, 1881-1956. On the representation and calculation of the results of gravity surveys with torsion balances--88.2
- Rankine, Alexander Oliver, 1881-1956. A simple method of demonstrating the paramagnetism and diamagnetism of substances in magnetic fields of low intensity--88.2
- Rankine, Alexander Oliver, 1881-1956. Some observations with a gravity-gradiometer--88.2
- Rankine, Alexander Oliver, 1881-1956. Visit of A. O. Rankine to King's College--88.2
- Rao, A. S. The first spark spectrum of arsenic (As II)--88.4
- Rao, A. S. Further investigation of the arc spectrum of arsenic--88.4
- Rao, A. S. The spectra of Br V, Br VI and Br VII--88.4
- Rao, A. S. The spectrum of trebly-ionized bromine, Br IV--88.4
- Rao, I. Ramakrishna, 1901- . Biographical data--88.5
- Rao, I. Ramakrishna, 1901- . Nature of solution as studied by Raman effect--88.6
- Rao, K. R. (Kotcherlakota Rangadhama), 1898-1972. The spectrum of doubly-ionised arsenic--88.7
- Rao, K. R. (Kotcherlakota Rangadhama), 1898-1972. The spectrum of trebly-ionised thallium (Tl IV)--88.7
- Rao, Subbarao Ramachandra, 1899- . Further studies on soft x-rays and secondary electron emission--88.8
- Rao, Subbarao Ramachandra, 1899- . The magnetic properties of nickel colloids--88.9
- Rao, Subbarao Ramachandra, 1899- . Magnetism and cold-working in metals. Part I -

poly-crystals--88.10
- Rao, Subbarao Ramachandra, 1899- . Magnetism and cold-working in metals. Part II - Single crystals of bismuth, zinc and tin--88.11
- Rao, Subbarao Ramachandra, 1899- . Soft x-rays and secondary electron emission--88.12
- Rao, Subbarao Ramachandra, 1899- . Soft x-rays and secondary electron emission: abstract and table of contents--88.12
- Rao, Subbarao Ramachandra, 1899- . Soft x-rays and secondary electron emission from a single crystal face of nickel--88.13
- Rao, Subbarao Ramachandra, 1899- . Total intensity of soft x-radiation from metal faces--88.14
- Rao, Subbarao Ramachandra, 1899- . Velocity distribution curves of secondary electrons--88.15, 89.1
- Rao, Subbarao Ramachandra, 1899- . See also work with O. W. Richardson--23.7
- Rasetti, Franco, 1901-2001. Incoherent scattered radiation in diatomic molecules--89.2
- Ratcliffe, J. A. (John Ashworth). An automatic recording method for wireless investigations of the ionosphere--89.3
- Rawlins, F. I. G. (Francis Ian Gregory), 1895-1969. Visible absorption spectra in some crystalline salts of the rare earths--89.4
- Rayleigh, Robert John Strutt, Baron, 1875-1947. Further experiments in illustration of the green flash at sunset--89.5
- Rayner, E. H. Intensive life tests on valves: note--89.6
- Reason, Richard Edmund. The development of the Fincham coincidence optometer--89.7
- Richards, Joseph W. (Joseph William), 1864-1921. Gas circulation in electrical reduction furnaces--89.9
- Richards, R. C. Report on the gravitation experiment--89.10
- Richards, Terence Charles. The elastic constants of rocks with seismic applications: abstract and discussion--89.11
- Richards, Terence Charles. On the elastic constants of rocks, with a seismic application--89.11
- Richardson, Lewis F., 1881-1953. A new type of practical examination, designed to be a fair competition--89.15
- Richardson, Lewis F., 1881-1953. Time-marking a cathode-ray oscillograph by harmonics--89.15
- Richardson, Lewis F., 1881-1953. Time-marking a cathode-ray oscillogram--89.15
- Rideal, Eric K. (Eric Keightley), Sir, 1890- . See work with O. W. Richardson--2.4
- Robertson, Frederick Steell, 1876- . Abstracts from papers on low temperature emission from oxide coated filaments in a vapour of an alkali metal--91.11
- Robertson, Frederick Steell, 1876- . Autobiographical notes--91.11
- Robertson, Frederick Steell, 1876- . Heat, magnetism, etc.--91.11
- Robertson, Frederick Steell, 1876- . The invaluable agent of our best knowledge of the environing world...--91.11
- Robertson, Frederick Steell, 1876- . Note on a method of demonstrating the retroactive property of a thermionic valve oscillator--91.11
- Robertson, Frederick Steell, 1876- . Notes on correspondence between Aimer and Great Britain Ministry--91.11
- Robertson, Frederick Steell, 1876- . The pliotron oscillator--91.11
- Robertson, Frederick Steell, 1876- . A simple account of what takes place in a wireless valve--91.11
- Robertson, Frederick Steell, 1876- . Soft X-ray experiments--92.1
- Robertson, Frederick Steell, 1876- . Soft X-ray experiments using targets made from mineral--92.2-3
- Robertson, Frederick Steell, 1876- . Some thermionic devices and their applications--92.4

- Sandeman, Ian. The mathematical representation of the energy levels of the secondary spectrum of hydrogen. III--99.5
- Sandeman, Ian. The molecular spectra of the hydrogen isotopes. II. The assumption of a common potential function for the isotopic states--99.6
- Sandeman, Ian. The $2p^3$ bands of hydrogen--99.7
- Sargent, B. W. (Bernice Weldon), 1906-1993. Report of work carried out at the Cavendish Laboratory under an Exhibition of 1851 research scholarship: extracts--99.8
- Saunders, Vivian Thorning. A contribution to the discussion on geometrical optics--99.9
- Savur, S. R. A problem in coin-tosses--99.10
- Schaafsma, Albert, 1906- . Uber die ultravioletten banden des wasserstoffmolekuls--99.11
- Scheel, Karl, 1866-1936. Test of the methods of producing high vacua: summary--99.12
- Schissler, D. O. Behaviour of paraffin hydrocarbons on electron impact. Synthesis and mass spectra of some deuterated paraffin hydrocarbons--99.14
- Schmid, R. Dissociation energy of the CN molecule--99.15
- Schrödinger, Erwin, 1887-1961. Wellenmechanik--99.17
- Scripture, E. W. (Edward Wheeler), 1864- . The nature of the vowels--99.20
- Searle, G. F. C. (George Frederick Charles), 1864-1954. A contribution to the discussion on geometrical optics--99.21
- Searle, G. F. C. (George Frederick Charles), 1864-1954. Studies in magnetic testing--99.21
- Selwyn, Edward William Herbert. Arc spectra in the region λ1600-2100--99.22
- Sen Gupta, A. K. Rotational analysis of the ultra-violet bands of phosphorus monoxide--77.13
- Seth, J. B. Testimonial for Khan Akbar--36.15
- Seth, J. B. Testimonial for Riaz Ahmad--36.13
- Sharman, H. L. Grease spot--99.23
- Sharp, J. H. Testimonial for H. L. W. Sharman--99.24
- Sheard, Charles, 1883- . See work with O. W. Richardson--22.25
- Sheard, H. The thermal constants of setting concrete--99.25
- Sherratt, G. G. The velocity of sound waves in a tube--99.26
- Sherrington, Charles Scott, Sir, 1857-1952. Extract from the anniversary address delivered before the Royal Society of London--99.26
- Shu, Seyuan. Critical studies on the theory of relativity: Chapters III and VII--99.27
- Simeon, E. The generation of sound by the siren principle--99.29
- Simon, F. E. (Francis Eugene), 1893-1956. Liquefaction of hydrogen by the expansion method--99.30
- Simons, A. The measurement of very low relative humidities--99.31
- Simons, Lewis, 1888- . A model to illustrate the motion of a diatomic rotator with two degrees of freedom--99.32
- Simons, Lewis, 1888- . On the velocities of secondary corpuscular rays produced by a homogeneous rontgen radiation and their absorption coefficients in various gases--99.32
- Skinner, H. W. B. The excitation potentials of light metals--99.33
- Smekal, Adolf Gustav, 1895- . Sur la structure des cristaux reels: abstract--100.1
- Smith, B. S. An instrument for the production of known small high frequency alternating electromotive forces--100.2
- Smith, Elizabeth, 1898- . Biographical data--78.13
- Smith, F. D. The absolute measurement of sound intensity--100.3
- Smith, F. D. The magnetostriction constant for alternating magnetic fields--100.3
- Smith, T. (Thomas), 1883-1969. Change of variables in Laplace's and other second-order differential equations--100.5
- Smith, T. (Thomas), 1883-1969. Condensed tables for colour computation--100.5
- Smith, T. (Thomas), 1883-1969. A contribution to the discussion on geometrical optics--100.5
- Smith, T. (Thomas), 1883-1969. The mid-course method of fitting a parabolic formula of any

order to a set of observations--100.5
- Smith, T. (Thomas), 1883-1969. Note on integrals of products of experimentally determined magnitudes--100.5
- Smith, T. (Thomas), 1883-1969. On some misapplications of the law of errors, and on the intrinsic error in focometry--100.5
- Smith, T. (Thomas), 1883-1969. An optical calibration problem--100.5
- Smith, T. (Thomas), 1883-1969. The optics of photometric measurements--100.5
- Smith-Rose, Reginald Leslie. The attenuation of ultra-short radio waves due to the resistance of the earth--100.6
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