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Chemistry

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PREFACE

THE system adopted for classifying books in this Library is the well known 'Decimal Classification' invented by Mr. Melvil Dewey. In this system Arabic numerals instead of letters are used to denote notation of a subject. A decimal point for each sub-section of a subject is added to give each subject a separate number in classification.

This Catalogue is intended to help readers to find quickly any particular book or books they may wish to consult. It will also make it possible to know for certain, at a glance, what books are contained in the Library on a given subject.

Books are arranged in this catalogue as they stand on the shelves of the library. This catalogue has an index at the end to show under what class books on a particular subject may be found. Subjects are arranged in alphabetical order. Reference to a particular subject in the Index will give the numbers under which the books on that subject can be found on the shelves.

CHEMISTRY

Call No.	Name of the Author	Title of the Book
CHEMISTRY—(General).		
540 A 73 C	Armitage, F. P..	Chemistry. First Stage. <i>Longmans.</i> 1918
540 A 81 C	Ashley, R. H. ..	Chemical Calculations. 2nd edition. Revised. <i>D. Van Nostrand Company.</i> <i>New York.</i> 1918
540 B 31 E	Bassett, H. L. ..	The Elements of Chemistry. <i>Crosby Lockwood & Sons.</i> 1914
540 B 348 P	Bayley, Thomas.	A Pocket Book for Chemists. <i>E. & F. N. Spon.</i> 1922
540 C 51 A	Collins, A. Frederick. ..	The Amateur Chemist. <i>D. Appleton and Company.</i> 1919
540 C99 C	Czapek, F. ..	Chemical Phenomena in Life. <i>Harper and Brothers.</i> 1911
540 H 14 C	Hale, W. J. ..	The Calculations of General Chemistry. <i>G. Bell & Sons.</i> 1920
540 H 21 T	Hammarsten. Olof. ..	A Text-book of Physiological Chemistry. Translated by J. A. Mandel. 7th edition. <i>John Wiley & Sons, New York.</i> 1915
540 H 49 D	Heermann, P. ..	Dyers' Materials. Translated by A. C. Wright. 2nd edition. Revised and enlarged. <i>Scott Greenwood.</i> 1919
540 H 54 C	Hendrick, E. ..	Chemistry in Everyday Life. <i>University Press. London</i> 1919
540 H 89 M	Hughes, A. M. and R. Stern. ..	A Method of Teaching Chemistry in Schools. <i>Uni. Press, Cambridge.</i> 1906
540 K 97 R	Krogh, A. ..	The Respiratory Exchange of Animals and Man. <i>Longmans.</i> 1916
540 L 912 C	Lupton, Sydney .	Chemical Arithmetic. <i>Macmillan.</i> 1920
540 P 48 A	Philips, J. C. ..	Achievements of Chemical Science. <i>Macmillan & Co.</i> 1917

THEORETICAL CHEMISTRY.

- 541 Bas, Gervaise Le The Molecular Volumes of Liquid
B 30 M Chemical Compounds. *Longmans.* 1915
- 541 d'Albe, E. E. Contemporary Chemistry.
D 11 C Fournier. .. *Constable & Co.* 1911
- 541 Desch, Cecild H... Intermetallic Compounds.
D 36 I *Longmans.* 1914
- 541 Dobbin, Leonard Chemical Theory for Engineers.
D 49 C and *Macmillan.* 1911
- Walker, James...
- 541 Findlay, Alex. .. The Phase Rule and its Applications.
F 43 P 2 copies. *Longmans.* 1917
- 541 Fry, Harry Shipley The Electronic Conception of Valence
F 94 E and the Constitution of Benzene.
Longmans. 1921
- 541 Getman, F. H. .. Outlines of Theoretical Chemistry.
G 28 O 2nd edition. Revised and enlarged.
John Wiley & Sons. New York. 1918
- 541 Gray, F. W. .. The Chemistry Tangle Unravelling.
G 71 C *Longmans.* 1923
- 541 Jaques, Arthur . Complex Ions in Aqueous Solutions.
J 31 C *Longmans.* 1914
- 541 Lehfeldt, R. A. .. Electro-Chemistry. Part I. General
L 45 E Theory. *Longmans.* 1913
- 541 Meldola, R. .. Chemistry. (*H. U. L.*)
M 52 C *Williams & Norgate.*
- 541 Morgan, J. and The Elements of Physical Chemistry.
M 77 E Livingston, R. .. *John Wiley, New York.*
- 541 Muir, M. M. A Treatise on the Principles of
M 85 T Pattison. .. Chemistry. 2nd edition. *Cambridge.* 1880
- 541 Nernst, Prof. Theoretical Chemistry. Revised in
N 44 T Walter. .. accordance with the 18th German
edition. *Macmillan.* 1923
- Do Do .. Do Revised in accordance
with the 7th German edition by
A. T. Tizard. *Macmillan.* 1916
- 541 Ostwald, W. .. The Fundamental Principles of
O 77 F Chemistry. *Longmans.* 1909
- 541 Do Outlines of General Chemistry. 3rd
O 77 O edition. *Macmillan.* 1912
- 541 Rideal, E. K. and Catalysis in Theory and Practice.
R 50 C H. S. Taylor .. *Macmillan.* 1919
- 541 Schenck, Rudolph. The Physical Chemistry of the Metals.
S 19 P 1st edition. *John Wiley, New York.* 1919

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- 541 S 47 O Senter, G. .. Outlines of Physical Chemistry. 7th edition. *Methuen & Co.* 1919
- Do Do .. Do 12th edition. 1923
- 541 T 51 I Tilden, William, A. Introduction to the Study of Chemical Philosophy. 11th edition. *Longmans.* 1912
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- 541 T 71 E Travers, M. W. . The Experimental Study of Gases *Macmillan & Co.* 1901
- 541 W 13 I Walker, Sir James Introduction to Physical Chemistry. 9th edition. *Macmillan.* 1922

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- 541 B 55 T Bohr, Niels. .. The Theory of Spectra and Atomic Constitution. *Cambridge.* 1922
- 541.2 C 75 T Crowther J. A. . . Ions, Electrons and Ionizing Radiations. *Edward Arnold.* 1924
- 541.2 L 74 A Lodge, Sir Oliver. Atoms and Rays. *Ernest Benn.* 1924
- 541.2 R 52 E Richardson, O. W. The Electron Theory of Matter. *University Press, Cambridge.* 1914
- 541.2 T 94 M Turner, W. E. S. . . Molecular Association. *Longmans.* 1915
- 541.2 W 95 A Wurtz, Ad. .. The Atomic Theory. Translated by E. Cleminshaw. 8th edition. *Kegan Paul.* 1910

PHYSICAL CHEMISTRY

- 541.3 F 43 P Findlay, Alex. .. Physical Chemistry for Students of Medicine. *Longmans.* 1924
- 541.3 F 49 P Do .. Practical Physical Chemistry. 4th edition. *Longmans.* 1923
- 541.3 J 56 E Jones, H. C. .. The Elements of Physical Chemistry. 4th edition, Revised. *Macmillan. New York.* 1918
- 541.3 L 55 S Lewis, William, C. Mc. C. A System of Physical Chemistry. Vols. I. & II. Kinetic Theory. *Longmans.* 1923
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- 541.341 Findlay, .. Osmotic Pressure. 2nd edition.
F 43 O Alexander *Longmans.* 1919
- 541.342 Comey, A. M. .. A Dictionary of Chemical Solubilities.
C 53 D .. (Inorganic) 1st edition.
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- 541.37 Blanc, Max Le .. A Text-book of Electro-Chemistry.
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- 541.37 Creighton, H. J. Principles and Applications of Elec-
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G 53 R and Cell. 2nd editon. Revised. *G Bell.* 1924
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- 541.38 Russell, A. S. .. An Introduction to the Chemistry
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- 541.7 Smits, A. .. The Theory of Allotropy. Translated
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- 541.9 Young, S. .. Stoichiometry. 2nd edition.
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- 542 **Hodgkinson, W. R.** Valentin's Practical Chemistry.
H 70 V .. 10th edition. *J. & A. Churchill.* 1908
- 542 **Johnson, V. E.** .. Chemical Magic. *C. Arthur Pearson.* 1920
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K 61 C .. *Gurney and Jackson.* 1912
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K 85 C .. *Hodder and Stoughton. n.d.*
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- 542 **Monzert, Leonard.** Practical Distiller.
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A 42 C VI & VIII. *J. & A. Churchill.*
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- 544 Jones, Chapman.. Practical Inorganic Chemistry for Advanced Students. *Macmillan*. 1911
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- 544 Weston, F. E. .. A Scheme for the Detection of the More Common Classes of Carbon Compounds. *Longmans*. 1919
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- 544 .11 Murray, B. L. .. Standards and Tests for Reagent Chemicals. *D. Van Nostrand*. 1920
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- 545 Berry, A. J. .. Volumetric Analysis. *Cambridge.* 1915
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- 545 Clowes, F. and Quantitative Chemical Analysis.
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G 51 R Austin. .. titative Chemical Analysis. 1st
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- 545.36 Henderson, G. G. Catalysis in Industrial Chemistry.
H 53 C *Longmans.* 1921
- 545.5 Knecht Edmund New Reduction Methods in Volu-
K 68 N and Hibbert, Eva. metric Analysis.
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- 546 Bailey, G. H. and Chemistry for Matriculation. 12
B 14 C H. W. Bonsor. copies. *University Tutorial Press.* 1920
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- 546 D 56 C Donington, G. C. A Class-book of Chemistry. 2 Copies.
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- 546 F 11 W Fabre, Jean Henri The Wonder Book of Chemistry.
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- 546 F 92 T Friend, J. Newlon A Text-book of Inorganic Chemistry.
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- 546 G 801 L Gregory, R. A. Lessons in Science. A Preliminary
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- 546 H 35 C Harrison, W. J. Chemistry for All. Blackie.
- 546 H 42 F & R. J. Bailey. Factory Chemistry. Longmans. 1921
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- 546 H 77 G Holmes, H. N. .. General Chemistry.
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- 546 J 56 E Jones, H. C. .. Elements of Inorganic Chemistry. 3rd edition. *Macmillan. New York.* 1907
- 546 K 72 I Kipping, F. S. and W. H. Perkin. Inorganic Chemistry. Part I. *W. R. Chambers.* 1919
- 546 L 55 I Lewis, E. I. .. Inorganic Chemistry. Part I. 2 copies. *Cambridge.* 1914
- 546 L 84 I Lowry, T. Mertin. Inorganic Chemistry. *Macmillan.* 1922
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- 546 M 50 F McPherson, W. & W. E. Henderson First Course in Chemistry. 2 copies. *Ginn & Co.*
- 546 M 52 C Mellor, J. W. .. A Comprehensive Treatise on Inorganic and Theoretical Chemistry. 5 Vols. *Longmans.* 1922
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- 546 R 17 E Ramsay, Sir W. Experimental Proofs of Chemical Theory. *Macmillan.* 1920
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