

Heffers

*Current catalogues from a
world famous bookshop*

SCIENCE-NEW/FORTHCOMING
GEOLOGY · MATHEMATICS
PHYSICS · ASTRONOMY



Available free on request

Catalogue Department

W. HEFFER & SONS LTD.

Cambridge

England

ZEITLIN & VER BRUGGE



RARE BOOKS IN THE
SCIENCES

*Books & Libraries Purchased
Send for our latest Catalogues*

815 No. LA CIENEGA BLVD.

LOS ANGELES 69, CALIF.

Cable Address Jabberwock



CAMBRIDGE

A History of the Concept of Valency to 1930

W. G. PALMER

In this book Dr Palmer traces the development of the concept of valency from the earliest notions of chemical combination to 1930. Biographical notes on the most influential scientists, and extracts from their work are included. An English translation is provided for quotations in German. *42s. net.*

from all booksellers

CAMBRIDGE UNIVERSITY PRESS

MICHAEL FARADAY

A BIOGRAPHY

L. Pearce
Williams



'This is American scholarship at its best' . . . *The Times*

'Mr Pearce Williams' admirable new biography, . . . the most acute, honest and thorough study of a nineteenth century English physicist that has yet appeared!'
A. Rupert Hall, *The New Statesman*

'Professor Williams has performed his task thoroughly and has been able to fuse Faraday's life and work into an organic whole . . .'
Cyril Connolly, *The Sunday Times* 70s

NEWTONIAN STUDIES

ALEXANDRE KOYRÉ

A collection of essays written over the last twelve years, each illustrating a different aspect of Newton's thought, but unified by the central analysis of the way in which fundamental scientific ideas are related to the main currents of philosophical thought. 50s

**Chapman
& Hall**

THE BRITISH SOCIETY FOR THE HISTORY OF SCIENCE

THE objects of the Society are to further the study of the history of science, by holding meetings for the reading and discussion of papers, and by facilitating the publication of relevant material.

The British Journal for the History of Science is the official organ of the Society.

Meetings are held in the Science Museum, Exhibition Road, South Kensington, London, S.W.7, usually in January, February, March, May, June, October and November.

Membership is open to all persons approved by the Council of the Society, and elected at an Ordinary Meeting. The annual subscription is at present £2 10s. and includes a free issue of the Society's Journal, which appears in June and December each year.

Those who wish to join the Society should write to the *Hon. Secretary*, Mr. J. A. Chaldecott, Science Museum, South Kensington, London, S.W.7.

Papers for inclusion in the Journal should be submitted to the *Hon. Editor*, Dr. M. P. Crosland, Department of Philosophy, The University, Leeds 2, from whom instructions may be obtained concerning the presentation and documentation of papers. All communications on editorial matters, and books for review, should be addressed to the Hon. Editor.

Particulars regarding advertising in the Journal may be obtained from the *Hon. Treasurer*, Mr. D. Chilton, Science Museum, South Kensington, London, S.W.7.

The British Journal for the History of Science is published by the Society. Four parts constitute one Volume; each part contains approximately 96 pages. The cover of each issue has a consecutive number for ease of collation in subsequent binding, e.g. No. 16 will be numbered: Vol. iv Part iv No. 16, and No. 17 will be: Vol. v Part i No. 17.

Order Forms, with lists of contents of Parts already published, are obtainable from the *Hon. Publications Secretary*, Dr. J. D. North, 39 Wellington Square, Oxford, to whom Orders for the Journal should be sent.

Whole Cloth Binding Cases lettered in Gold on spine and particulars of binding costs may be obtained from HEADLEY BROTHERS LTD., INVICTA PRESS, ASHFORD, KENT.

THE BRITISH JOURNAL FOR THE HISTORY OF SCIENCE

Volume II Part IV December 1965 No. 8

HALL, MARIE BOAS—Oldenburg and the Art of Scientific Communication	277-290
SCHOFIELD, CHRISTINE—The Geoheliocentric Mathematical Hypothesis in Sixteenth-century Planetary Theory	291-296
FARRAR, W. V.—Nineteenth-century Speculations on the Complexity of the Chemical Elements	297-323
LEVENE, JOHN R.—The True Inventors of the Keratoscope and Photo-Keratoscope	324-342
OLBY, R. C.—The Mendel Centenary	343-349
HERIVEL, J. W.—Notes and Communications: Newton's First Solution to the Problem of Kepler Motion	350-354
Essay Reviews	355-358
Book Reviews	359-364
Obituary	364
Books Received	365
Notes on Contributors	366
Report of the Council and Financial Statement	367-370

PUBLISHED BY THE BRITISH SOCIETY FOR THE
HISTORY OF SCIENCE

Registered Office: Science Museum, South Kensington,
London, S.W.7

Brit. J. Hist. Sci. 2 no. 8. Price 15 Shillings. Free to Members of the Society.
Published December 1965

PRINTED IN GREAT BRITAIN BY HEADLEY BROTHERS LTD
109 KINGSWAY LONDON WC2 AND ASHFORD KENT