

THE SCIENTIFIC PAPERS OF THE LATE PROF. J. CLERK MAXWELL. Edited by W. D. NIVEN, M.A. In 2 vols. Royal 4to. [In the Press.]

A TREATISE ON NATURAL PHILOSOPHY. By Sir W. THOMSON, LL.D., D.C.L., F.R.S., Professor of Natural Philosophy in the University of Glasgow, and P. G. TAIT, M.A., Professor of Natural Philosophy in the University of Edinburgh. Vol. I. Part I. Demy 8vo. 16s.

"In this, the second edition, we notice a large amount of new matter, the importance of which is such that any opinion which we could form within the time at our disposal would be utterly inadequate."—*Nature*.

Part II. Demy 8vo. 18s.

ELEMENTS OF NATURAL PHILOSOPHY. By Professors Sir W. THOMSON and P. G. TAIT. Part I. Demy 8vo. *Second Edition*. 9s.

A TREATISE ON THE THEORY OF DETERMINANTS AND THEIR APPLICATIONS IN ANALYSIS AND GEOMETRY, by ROBERT FORSYTH SCOTT, M.A., of St John's College, Cambridge. Demy 8vo. 12s.

"This able and comprehensive treatise will be welcomed by the student as bringing within his reach the results of many important re- searches on this subject which have hitherto been for the most part inaccessible to him."—*Athenæum*.

HYDRODYNAMICS, a Treatise on the Mathematical Theory of the Motion of Fluids, by HORACE LAMB, M.A., formerly Fellow of Trinity College, Cambridge; Professor of Mathematics in the University of Adelaide. Demy 8vo. 12s.

THE ANALYTICAL THEORY OF HEAT, by JOSEPH FOURIER. Translated, with Notes, by A. FREEMAN, M.A., Fellow of St John's College, Cambridge. Demy 8vo. 16s.

"It is time that Fourier's masterpiece, *The Analytical Theory of Heat*, translated by Mr Alex. Freeman, should be introduced to those English students of Mathematics who do not follow with freedom a treatise in any language but their own. It is a model of mathematical reasoning applied to physical phenomena, and is remarkable for the ingenuity of the analytical process employed by the author."—*Contemporary Review*, October, 1878.

"There cannot be two opinions as to the value and importance of the *Théorie de la Chaleur*. . . It is still the text-book of Heat Conduction, and there seems little present prospect of its being superseded, though it is already more than half a century old."—*Nature*.

THE ELECTRICAL RESEARCHES OF THE Honourable HENRY CAVENDISH, F.R.S. Written between 1771 and 1781. Edited from the original manuscripts in the possession of the Duke of Devonshire, K.G., by the late J. CLERK MAXWELL, F.R.S. Demy 8vo. 18s.

"Every department of editorial duty appears to have been most conscientiously performed; and it must have been no small satisfaction to Prof. Maxwell to see this goodly volume completed before his life's work was done."—*Athenæum*.

AN ELEMENTARY TREATISE ON QUATERNIONS. By P. G. TAIT, M.A., Professor of Natural Philosophy in the University of Edinburgh. *Second Edition*. Demy 8vo. 14s.

THE MATHEMATICAL WORKS OF ISAAC BARROW, D.D. Edited by W. WHEWELL, D.D. Demy 8vo. 7s. 6d.

AN ATTEMPT TO TEST THE THEORIES OF CAPILLARY ACTION by FRANCIS BASHFORTH, B.D., late Professor of Applied Mathematics to the Advanced Class of Royal Artillery Officers, Woolwich, and formerly Fellow of St John's College, Cambridge. [Immediately.]

London: Cambridge University Press Warehouse, 17 Paternoster Row.