

PHILOSOPHICAL TRANSACTIONS
OF THE
ROYAL SOCIETY OF LONDON

Series A. Mathematical and Physical Sciences
No. 1086 Vol. 257 pp. 479-552 17 June 1965

THE GEOMETRICAL ABERRATIONS OF GENERAL ELECTRON
OPTICAL SYSTEMS

I. THE CONDITIONS IMPOSED BY SYMMETRY

II. THE PRIMARY (THIRD ORDER) ABERRATIONS OF
ORTHOGONAL SYSTEMS, AND THE SECONDARY (FIFTH ORDER)
ABERRATIONS OF ROUND SYSTEMS

By

P. W. HAWKES

Published by the Royal Society
Burlington House
Piccadilly
London, W. 1

Price Twenty-eight Shillings (U.S. \$4.20)

PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY

SERIES A: MATHEMATICAL AND PHYSICAL SCIENCES
SERIES B: BIOLOGICAL SCIENCES

The price of each part in either series of the *Philosophical Transactions* is directly related to the number of pages and plates it contains. The price of a volume is the total of the prices of its constituent parts (which are published irregularly).

Volumes are closed when the total price of the parts reaches a minimum of £12. 10s. (\$37.50).

SUBSCRIPTION RATES

Subscriptions for complete volumes may be placed through booksellers or direct to The Royal Society, Burlington House, Piccadilly, London, W.1.

The subscription rates to either series, **payable in advance of publication** are:

Volume in parts as issued	£11. 17s. 6d. (\$35.65) post free
(Binding cases are available at	6s. (\$ 0.90) post free)
Volume, cloth bound	£12. 10s. 6d. (\$37.50) post free