

# FIFTY YEARS OF X-RAY DIFFRACTION

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*by*

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*The Editor expresses his sincere thanks to the many crystallographers whose contributions form the most valuable part of this commemorative volume. He apologizes to the authors for not having sent them proofs for lack of time, and to the readers for the misprints and shortcomings they will notice in the book, and of many of which he is aware. Manuscripts were expected to arrive in the summer months of 1961, and many did; others, however, were received as late as April and May 1962. Only thanks to the most obliging cooperation of the Publishers and their Printers was it possible to begin composition while the manuscript was still incomplete and to produce this 'Festschrift' just in time for the Munich meeting.*

*The Editor also gratefully acknowledges the help received by him on various occasions from Dr. E. A. Wood and Dr. D. W. Smits. Finally he expresses his great indebtedness to the John Simon Guggenheim Memorial Foundation for a grant which enabled him in the course of the last two years to devote most of his time to this publication.*

*Printed in the Netherlands*

## *List of Major Misprints and Errata*

(The number in brackets following the page number denotes the line, + from above,  
— from below)

pg	pg
7 (+16) theory; (—12) fall	386 (—20) rd. Cosslett
8 (—3) 1928	390 (+4 of 'Univers. Coll.'): interchange
15 (+1) Pohl	Crystallography and Chemistry
51 (+2) add: (our fig. 4-4(3).)	395 (—7) ephedrine and harmine
53 (—1) replace = by:	405 (+22) Stevenston (+23) William
62 (—10), (—6) Moseley	406 (+1) E. V. Garner (for Games)
75 (—8) first	408 (—11) Backhurst
101 (+3) second subscript read 2	417 (—11) Robinson
103 formula (4): delete last parenthesis	435 (—17) Emmanuel
112 (+3) delete: Bijvoet showed that	437 (+7) replace Bryn Mawr by M.I.T.
(+4) read: used to distinguish between atoms of nearly equal weights, as in some alloys and spinels.	443 (+1 of last para.): In 1936 Bernal and Fankuchen,
(+6) read: Peerdeman, van Bommel and Bijvoet, in the study of tartrates,	451 (+19) Raymond
143 (+7) trioxides	462 (+1 of third para.): 1927
169 (—9) for 'below' read 'above'; 'Conclusion' should head the last para.	464 (—2) add: became
199 (+10) read: second world war	485 (+18) rd. organic
215 (—9) sheets	486 (—5) rd. Kobayashi
221 (+2 of second para) read 'of' for 'or'	489 (+18) College of Science, Kyoto University
248 (—7) reaction via the primary beam	537 (—6) Phillips
251 (—18, —17) K <sub>0</sub> should be l.c. k <sub>0</sub>	554 (+20) Monograph No. 1, 1944
253 (+1) read T'O instead of T'h	555 (+7) Bridgman
254 Fig. 15-5(1): the dotted circle should be dotted throughout.	616 (+22) Herlinger
259 Legend Fig. 15-6(2): in the parenthesis add 'vertical'.	658 (—18) rd. 'had to train the...' for 'were to be trained as...'
268 (—7) omit factor 1/2 in formula	712 (Patterson, (—3)): Rd. Lecturer for Asst. Prof.; Res. Assoc. for Assoc. Prof.; replace '1936... Dir. of Res.' by: '1936-42 (Asst. Prof.) 42-49 (Assoc. Prof.), Senior Member'
340 (—2) faith in science	719 Place references should read Bryn Mawr College 613, 621 Cardiff 378f, 395, 678
368 (+6) read France for Florence (+10) Långbanshyttan	
380 (—3) rd. 1937	