

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