

<i>dimension</i>	<i>number of geometric crystal classes</i>	<i>number of arithmetic crystal classes</i>	<i>number of space groups</i>	<i>number of symmorphic space groups</i>
2	10	13	17	13
3	32	73	230	73

There are also brief discussions of space groups in higher dimensions, and of color groups.

It seems to this reviewer that a careful discussion of Bravais classes of lattices would have been desirable. Also, some discussion of isomorphism of crystallographic groups might have been worthwhile (the idea does, more or less, arise on pp. 128 and 179).

Some related but omitted topics are: (1) double groups, (2) representations of crystallographic groups, (3) experimental crystallography, (4) tensors in crystals, (5) lattice dynamics, (6) wave functions in crystals.

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**34 [13.15, 13.35, 13.40].**—S. H. HOLLINGDALE, Editor, *Digital Simulation in Operational Research*, American Elsevier Publishing Co., New York, 1967, xv + 392 pp., 23 cm. Price \$14.50.

The scope and contents of this volume are described by the editor in his foreword, from which we quote the following:

“This volume records the Proceedings of a Conference held in Unilever-Haus, Hamburg, from 6th to 10th September, 1965. It was sponsored by the N.A.T.O. Advisory Panel on Operational Research under the aegis of the Scientific Affairs Division of N.A.T.O. About 180 people, drawn from 13 countries, participated in the Conference; 41 papers (one opening address, three survey lectures and 37 short presentations) were presented in 14 sessions.

“The purpose of the conference was two-fold; to provide an opportunity for discussion and exchange of information between practitioners of the art of digital simulation, and to inform and stimulate those who have not yet made use of the technique. With computers now widely available, the possibility of using simulation methods has come within the reach of most operational research organisations.

“It is because of the dual objectives of the Conference that the papers in this volume cover so broad a spectrum—from descriptive accounts of specific applications to specialist expositions of methodological topics—and deal with so wide a range of industrial, commercial and military applications. The contributors themselves are drawn from N.A.T.O. and Governmental organisations, industry, commerce, universities and research institutes.”

E. I.