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International Tables for Crystallography Volume A: Space-group symmetry Edited by Theo Hahn, Institut für Kristallographie, Technische Hochschule Aachen, D-52056 Aachen, Germany

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SPACE-GROUP SYMMETRY Edited by MOIS I. AROYO Sixth Edition  
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current volume of ITA (2005) is very large and presents many detailed issues related to various aspects of space-group symmetry. Its predecessor, the 'red' Volume I of International Tables for X-ray Crystallography (1952), was leaner because it contained only more basic, yet usually sufficient, information

## **How to read (and understand) Volume A of International**

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INTERNATIONAL TABLES FOR CRYSTALLOGRAPHY Volume A  
SPACE-GROUP SYMMETRY Edited by THEO HAHN. Contributing  
authors: Institut für Kristallographie, Rheinisch-Westfälische  
Technische Hochschule, D-52056 Aachen, Germany (present  
address: Am Beulardstein 22, D-52072 ... Computer production  
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In this chapter, we introduce the fundamental concepts of group theory with the focus on those properties that are of particular importance for crystallography. Among other examples, the symmetry groups of an equilateral triangle and of the square are used throughout to illustrate the various concepts, whereas the actual application to crystallographic space groups will be found in later chapters.

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ISBN: 0792365909 9780792365907: OCLC Number: 49873546:  
Description: xx, 911 pages : illustrations ; 32 cm: Contents: Part 1. Symbols and terms used in this volume --Part 2. Guide to the use of the space-group tables --Part 3. Determination of space groups --Part 4. Synoptic tables of space-groups symbols --Part 5. Transformations in crystallography --Part 6. The 17 plane groups (two dimensional ...

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