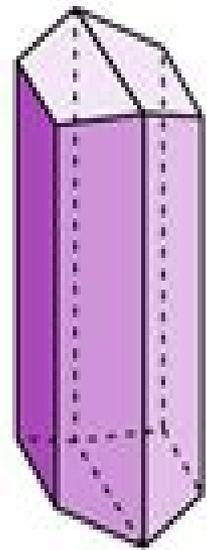


# Examples of well-shaped crystals

monoclinic crystal

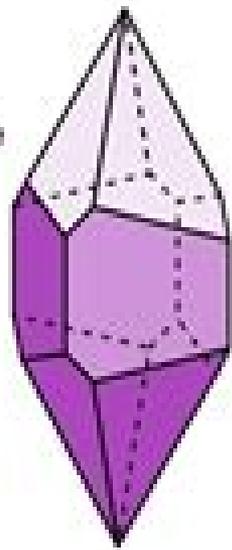


gypsum

crystal class:  $2/m$

symmetry content:  $i, 1A_2,$   
 $1m$

tetragonal crystal

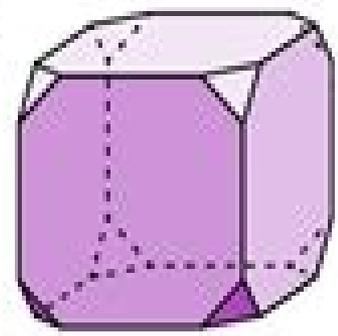


wulfenite

crystal class:  $4/m$

symmetry content:  $i, 1A_4,$   
 $1m$

isometric crystal



halite

crystal class:  $4/m \bar{3} 2/m$

symmetry content:  $3A_4, 4A_3, 6A_2,$   
 $9m$

$m$  = number of unique mirror planes  
 $i$  = centre of symmetry

# Crystallography An Introduction

**Walter Borchardt-Ott**



## **Crystallography An Introduction:**

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thousands of atoms in a crystal In this Very Short Introduction Mike Glazer shows how the discoveries in crystallography have been applied to the creation of new and important materials to drugs and pharmaceuticals and to our understanding of genetics cell biology proteins and viruses Tracing the history of crystallography he analyses astonishing developments in new sources of X rays as well as of neutrons and in electron microscopy and considers the impact they have on the study of crystals today ABOUT THE SERIES The Very Short Introductions series from Oxford University Press contains hundreds of titles in almost every subject area These pocket sized books are the perfect way to get ahead in a new subject quickly Our expert authors combine facts analysis perspective new ideas and enthusiasm to make interesting and challenging topics highly readable

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### **Table of Contents Crystallography An Introduction**

1. Understanding the eBook Crystallography An Introduction
  - The Rise of Digital Reading Crystallography An Introduction
  - Advantages of eBooks Over Traditional Books
2. Identifying Crystallography An Introduction
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Crystallography An Introduction
  - User-Friendly Interface
4. Exploring eBook Recommendations from Crystallography An Introduction
  - Personalized Recommendations
  - Crystallography An Introduction User Reviews and Ratings

- Crystallography An Introduction and Bestseller Lists
- 5. Accessing Crystallography An Introduction Free and Paid eBooks
  - Crystallography An Introduction Public Domain eBooks
  - Crystallography An Introduction eBook Subscription Services
  - Crystallography An Introduction Budget-Friendly Options
- 6. Navigating Crystallography An Introduction eBook Formats
  - ePub, PDF, MOBI, and More
  - Crystallography An Introduction Compatibility with Devices
  - Crystallography An Introduction Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Crystallography An Introduction
  - Highlighting and Note-Taking Crystallography An Introduction
  - Interactive Elements Crystallography An Introduction
- 8. Staying Engaged with Crystallography An Introduction
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Crystallography An Introduction
- 9. Balancing eBooks and Physical Books Crystallography An Introduction
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Crystallography An Introduction
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Crystallography An Introduction
  - Setting Reading Goals Crystallography An Introduction
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Crystallography An Introduction
  - Fact-Checking eBook Content of Crystallography An Introduction
  - Distinguishing Credible Sources

13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
14. Embracing eBook Trends
  - Integration of Multimedia Elements
  - Interactive and Gamified eBooks

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