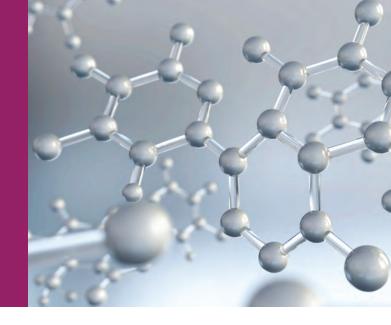
Solid State Chemistry and its Applications

2nd Edition

By Anthony R. West



Chemistry | Physical Chemistry | Solid State Chemistry

A comprehensive treatment of solid state chemistry complete with supplementary material and full colour illustrations from a leading expert in the field

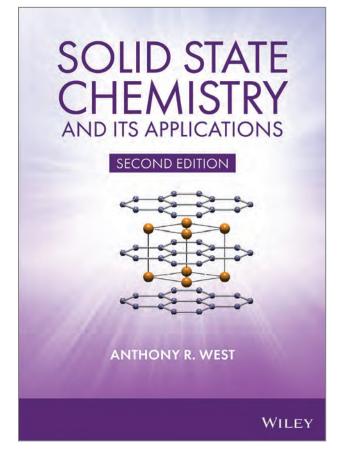
Solid State Chemistry and its Applications, Second Edition delivers an advanced version of West's classic text in solid state chemistry, expanding on the undergraduate Student Edition to present a comprehensive treatment of solid state chemistry suitable for advanced students and researchers. The book provides the reader with an up-to-date account of essential topics in solid state chemistry and recent developments in this rapidly developing field of inorganic chemistry.

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- Extensive overview of important families of inorganic solids including spinels, perovskites, pyrochlores, garnets and Ruddlesden-Popper phases;
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- New developments in electrical properties of materials, including high Tc superconductivity, lithium batteries, solid oxide fuel cells and smart windows;
- Recent developments in optical properties, including fibre optics, solar cells and transparent conducting oxides;
- and more.

Featuring full color illustrations throughout, readers will also benefit from online supplementary materials including access to CrystalMaker® software and over 100 interactive crystal structure models.

Perfect for advanced students seeking a detailed treatment of solid state chemistry, this new edition of *Solid State Chemistry* and its Applications will also earn a place as a desk reference in the libraries of experienced researchers in chemistry, crystallography, physics, and materials science.



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THE AUTHOR

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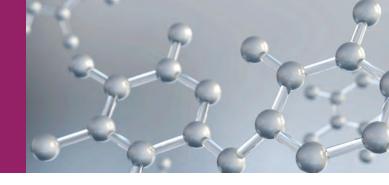


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