Bonding and Charge Distribution in Polyoxometalates: A Bond Valence Approach [

Dance, Ian G.,
editor
Day, Peter.,
editor
Ibers, James A.,
editor
Kunitake, Toyohi.,
editor
Meyer, Thomas J.,
editor
Mingos, D. Michael P.,
editor
Roesky, Herbert W.,
editor
Sauvage, Jean-Pierre.,
editor
Simon, Arndt.,
editor
Wudl, Fred.,
editor
Bard, Allen J.,
editor

Springer Berlin Heidelberg,
1999

Libros electrónicos

Monografía

This book presents the fundamentals of bonding in polyoxometalates and related oxides based on classical bonding concepts and the bond valence model. The in-depth treatment includes a revision of the procedure for the determination of the parameters of bond length-bond valence functions, the application of the bond valence model to polyoxometalates and related oxides, and the explanation of the distribution of the bond valences, and hence of the bond lengths, over the metal-oxygen bond and of the ionic charge on the oxygen atoms. Numerous tables and figures underline and illuminate the results. The principal author is a leader in the field of

polyoxometalate chemistry. This work provides for the first time a comprehensive analysis of the structure and bonding in polyoxometalates, based on classical chemical concepts and the bond valence approach, and as such is a valuable resource for chemists, physicists and material scientists working in the field

https://rebiunoda.pro.baratznet.cloud:28443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vNTExNTc0Mg

---

Título: Bonding and Charge Distribution in Polyoxometalates: A Bond Valence Approach recurso electrónico] edited by Allen J. Bard, Ian G. Dance, Peter Day, James A. Ibers, Toyohi Kunitake, Thomas J. Meyer, D. Michael P. Mingos, Herbert W. Roesky, Jean-Pierre Sauvage, Arndt Simon, Fred Wudl

Editorial: Berlin, Heidelberg Springer Berlin Heidelberg 1999

Descripción física: XII, 340 p. online resource

Mención de serie: Chemistry and Materials Science (Springer-11644) Structure and Bonding 0081-5993 93

Documento fuente: Springer eBooks

ISBN: 9783540683063

Materia: Chemistry, inorganic Chemistry, Physical organic Chemistry Condensed matter

Autores: Dance, Ian G., editor Day, Peter., editor Ibers, James A., editor Kunitake, Toyohi., editor Meyer, Thomas J., editor Mingos, D. Michael P., editor Roesky, Herbert W., editor Sauvage, Jean-Pierre., editor Simon, Arndt., editor Wudl, Fred., editor Bard, Allen J., editor

Entidades: SpringerLink (Online service)

Enlace a formato físico adicional: Printed edition 9783540649342

Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es