

Issue 24/2003

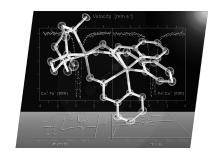
Pages 4263-4410

Papers available ahead of print in Early View at www.interscience.wiley.com

Earliest available Table of Contents: Automatically, free of charge by e-mail through www.interscience.wiley.com/alerts

COVER PICTURE

The cover picture shows the multiple characterization methods used to unravel the electronic and geometrical structures of the unit $M_A{}^{III}M_B{}^{II}$, in which three oximato groups $(=N-O)^-$ are present as bridging ligands. Variable-temperature magnetic susceptibility and EPR measurements provide a consistent answer to the question of electronic ground states for different heterometallic combinations. Mößbauer spectroscopy helps to differentiate between the species $Co^{III}(l.s.)Fe^{II}(l.s.)$ and $Fe^{II}(h.s.)Co^{III}(l.s.)$. Details on the preparation and characterization of the species $Fe^{III}M^{II}$ and related heterometallic compounds are presented in a forthcoming article by P. Chaudhuri et al.: Asymmetric Heterodinuclear $Fe^{III}M^{II}$ (M = Zn, Cu, Ni, Fe, Mn), $Co^{III}Fe^{II}$ and $Fe^{II}Co^{III}$ Species: Synthesis, Structure, Redox Behaviour and Magnetism.



MICROREVIEW Contents

4275 W. Beck

The First Chemical Achievements and Publications by Justus von Liebig (1803–1873) on Metal Fulminates and Some Further Developments in Metal Fulminates and Related Areas of Chemistry

Keywords: Liebig / Fulminates / Silver / Structure elucidation

