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Nota di contenuto	Frontmatter -- PREFACE -- TABLE OF CONTENTS -- 1. Sulfide Mineralogy and Geochemistry: Introduction and Overview / Vaughan, David J. -- 2. Crystal Structures of Sulfides and Other Chalcogenides / Makovicky, Emil -- 3. Electrical and Magnetic Properties of Sulfides / Pearce, Carolyn I. / Pattrick, Richard A.D. / Vaughan, David J. -- 4. Spectroscopic Studies of Sulfides / Wincott, Paul L. / Vaughan, David J. -- 5. Chemical Bonding in Sulfide Minerals / Vaughan, David J. / Rosso, Kevin M. -- 6. Thermochemistry of Sulfide Mineral Solutions / Sack, Richard O. / Ebel, Denton S. -- 7. Phase Equilibria at High Temperatures / Fleet, Michael E. -- 8. Metal Sulfide Complexes and Clusters / Rickard, David / Luther, George W. -- 9. Sulfide Mineral Surfaces / Rosso, Kevin M. / Vaughan, David J. -- 10. Reactivity of Sulfide Mineral Surfaces / Rosso, Kevin M. / Vaughan, David J. -- 11. Sulfide Mineral Precipitation from Hydrothermal Fluids / Reed, Mark H. / Palandri, James -- 12. Sulfur Isotope Geochemistry of Sulfide Minerals / Seal, Robert R. -- 13. Sulfides in Biosystems / Pósfai, Mihály / Dunin-Borkowski, Rafal E.
Sommario/riassunto	Volume 61 of Reviews in Mineralogy and Geochemistry presents an up-to-date review of sulfide mineralogy and geochemistry. The crystal structures, electrical and magnetic properties, spectroscopic studies, chemical bonding, thermochemistry, phase relations, solution

chemistry, surface structure and chemistry, hydrothermal precipitation processes, sulfur isotope geochemistry and geobiology of metal sulfides are reviewed. Where it is appropriate for comparison, there is brief discussion of the selenide or telluride analogs of the metal sulfides. When discussing crystal structures and structural relationships, the sulfosalt minerals as well as the sulfides are considered in some detail.

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