DESCRIPTION

This book covers various metallurgical topics, viz. roasting of sulfide minerals, matte smelting, slag, reduction of oxides and reduction smelting, interfacial phenomena, steelmaking, secondary steelmaking, role of halides in extraction of metals, refining, hydrometallurgy and electrometallurgy.

Each chapter is illustrated with appropriate examples of applications of the technique in extraction of some common, reactive, rare or refractory metal together with worked out problems explaining the principle of the operation.

ABOUT THE AUTHOR

Professor M. Shamsuddin had served as Professor and Head of the Department of Metallurgical Engineering at Banaras Hindu University for four decades. He spent three years (June 1978-June 1981) in the United States: one year each at the University of Chicago, University of Utah, Salt Lake City and the Massachusetts Institute of Technology, Cambridge. At MIT, he held the position of a Visiting Associate Professor on invitation from Prof. John F. Elliott of Department of Materials Science & Engineering to teach a graduate course entitled "Physical Chemistry of Metallurgical Processes".
To purchase this product, please visit https://www.wiley.com/en-us/9781119078272