About the Book

The book deals with the methodologies used in processing/separation of minerals from their ores, including pre-processing, dressing and separation techniques. Diverse types and grades of ore require diverse machinery, tools and techniques: the book amply addresses this need for variety of treatment. Besides these, background reading on occurrence of ores, mineralogy, properties of minerals and ores; all the important aspects of machinery used in practice; experimental methods; and numerical calculations involving extractive metallurgy have been given at appropriate depth.

Salient Features

- Integrated coverage of theory, practical methods, and derivation of formulae and numerical problem solving.
- Dedicated section on machinery used in mineral processing including numerical calculations, construction and principle of working.
- In-depth treatment of processes including crushing, grinding, sizing, flotation, etc.
- Step by step treatment of processes and ample exercises for practice and experiments for lab courses.
- Reference to various industry standards, as applicable.

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