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"The Separation and Refining Technologies of Precious Metals"

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Combining theory with practice, this introductory book provides detailed data obtained during studies on the refining technologies of the precious metals in China and abroad. The book has 10 chapters, organised by the refining technologies of gold, silver, and the platinum group metals.

The main physical and chemical properties, compounds and complexes of precious metals are introduced in Chapter 1. The separation methods and technologies of the precious metals are reviewed in Chapter 2. The refining technologies, for gold, silver, palladium, platinum, rhodium, iridium, osmium and ruthenium comprise the most

important part of the book, and occupy Chapters 3 to 9. The preparation methods of high purity matrices for spectroscopic analysis of the precious metals are specially described in Chapter 10. There are two Appendices which describe the memberships of the Shanghai Gold Exchange and refining product standards in the U.S.A. and Russia, respectively.

The Editor of the Book

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