



Extractive Metallurgy of Nickel, Cobalt and Platinum Group Metals

Frank Crundwell, Michael Moats, Venkoba Ramachandran, Timothy Robinson, W. G. Davenport

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This book describes and explains the methods by which three related ores and recyclables are made into high purity metals and chemicals, for materials processing. It focuses on present day processes and future developments rather than historical processes.

Nickel, cobalt and platinum group metals are key elements for materials processing. They occur together in one book because they (i) map together on the periodic table (ii) occur together in many ores and (iii) are natural partners for further materials processing and materials manufacturing. They all are, for example, important catalysts – with platinum group metals being especially important for reducing car and truck emissions. Stainless steels and CoNiFe airplane engine super alloys are examples of practical usage.

The product emphasises a sequential, building-block approach to the subject gained through the author's previous writings (particularly Extractive Metallurgy of Copper in four editions) and extensive experience. Due to the multiple metals involved and because each metal originates in several types of ore – e.g. tropical ores and arctic ores this necessitates a multi-contributor work drawing from multiple networks and both engineering and science.

- Synthesizes detailed review of the fundamental chemistry and physics of extractive metallurgy with practical lessons from industrial consultancies at the leading international plants
- Discusses Nickel, Cobalt and Platinum Group Metals for the first time in one book
- Reviews extraction of multiple metals from the same tropical or arctic ore
- Industrial, international and multidisciplinary focus on current standards of production supports best practice use of industrial resources

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Ana Lopez:

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Catherine Scott:

A lot of people always spent their very own free time to vacation or even go to the outside with them family members or their friend. Do you know? Many a lot of people spent they free time just watching TV, as well as playing video games all day long. If you would like try to find a new activity honestly, that is look different you can read a book. It is really fun for you personally. If you enjoy the book that you just read you can spent all day every day to reading a e-book. The book Extractive Metallurgy of Nickel, Cobalt and Platinum Group Metals it is very good to read. There are a lot of those who recommended this book. These were enjoying reading this book. If you did not have enough space to develop this book you can buy the particular e-book. You can m0ore quickly to read this book from the smart phone. The price is not to fund but this book provides high quality.

Cheryl Thornton:

Playing with family in a park, coming to see the marine world or hanging out with pals is thing that usually you could have done when you have spare time, subsequently why you don't try matter that really opposite from that. Just one activity that make you not experience tired but still relaxing, trilling like on roller coaster you are ride on and with addition of information. Even you love Extractive Metallurgy of Nickel, Cobalt and Platinum Group Metals, you can enjoy both. It is good combination right, you still desire to miss it? What

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