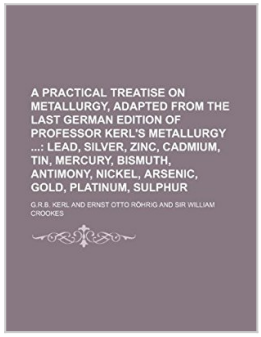

A Practical Treatise on Metallurgy, Adapted from the Last German Edition of Professor Kerl's Metallurgy ; Lead, silver, zinc, cadmium, tin, mercury, ... nickel, arsenic, gold, platinum, sulphur

By G.r.b. Kerl

A Practical Treatise on Metallurgy, Adapted from the Last German Edition of Professor Kerl's Metallurgy ; Lead, silver, zinc, cadmium, tin, mercury, ... nickel, arsenic, gold, platinum, sulphur By G.r.b. Kerl

This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1868 Excerpt: ...salts are decomposed by copper, which, in presence of the solution of common salt, forms sub-chloride of copper and metallic silver. The latter then combines with the mercury. Sulphide, antimonide, and arsenide of silver, are only slightly decomposed. The results of the manipulations in the pans are an earthy residue, and the compound of mercury and silver. The residue often contains enough silver to render it advisable for it to be added to the amalgamation in heaps. This process occupies a shorter time than the cold amalgamation (about 5 or 6 hours), causes less loss of mercury, but it requires fuel and expensive apparatus. Bergwerksfreund, 1860, 1 Lief. Berggeist, 1861, No. 49. B. u. h. Ztg., 1856, p. 49, f Ibid., 1862, pp. 83, 133; 1860, p. 7. 2. Mr. Crookes's Process of Extraction by means of Sodium Amalgam. Mr. William Crookes, F.R.S., has patented the use of sodium amalgam in the metallurgical treatment of gold and silver. The following are his observations on his new process of extracting the preciou s metals by means of sodium amalgam. The extraction of gold and silver by amalgamation has been hitherto attended with serious difficulties, owing to the presence in the ore of sulphides, arsenic, antimony, bismuth, or tellurium compounds, which coat the gold and silver with a film of tarnish, so that the mercury cannot touch it. Again, with many minerals, the mercury is "sickened," its fluidity is destroyed, and it becomes either a tenacious mass, or assumes a powdery character. In each case its amalgamating action is almost destroyed; the result being that from 30 to 80 per cent, or even more, of the gold, and a great amount of silver escape the action of the mercury, being lost in the tailings, whilst large quantities of the mercury are als...

A Practical Treatise on Metallurgy, Adapted from the Last German Edition of Professor Kerl's Metallurgy ; Lead, silver, zinc, cadmium, tin, mercury, ... nickel, arsenic, gold, platinum, sulphur

By G.r.b. Kerl

A Practical Treatise on Metallurgy, Adapted from the Last German Edition of Professor Kerl's Metallurgy ; Lead, silver, zinc, cadmium, tin, mercury, ... nickel, arsenic, gold, platinum, sulphur By G.r.b. Kerl

This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1868 Excerpt: ...salts are decomposed by copper, which, in presence of the solution of common salt, forms sub-chloride of copper and metallic silver. The latter then combines with the mercury. Sulphide, antimonide, and arsenide of silver, are only slightly decomposed. The results of the manipulations in the pans are an earthy residue, and the compound of mercury and silver. The residue often contains enough silver to render it advisable for it to be added to the amalgamation in heaps. This process occupies a shorter time than the cold amalgamation (about 5 or 6 hours), causes less loss of mercury, but it requires fuel and expensive apparatus. Bergwerksfreund, 1860, 1 Lief. Berggeist, 1861, No. 49. B. u. h. Ztg., 1856, p. 49, f Ibid., 1862, pp. 83, 133; 1860, p. 7. 2. Mr. Crookes's Process of Extraction by means of Sodium Amalgam. Mr. William Crookes, F.R.S., has patented the use of sodium amalgam in the metallurgical treatment of gold and silver. The following are his observations on his new process of extracting the preciou s metals by means of sodium amalgam. The extraction of gold and silver by amalgamation has been hitherto attended with serious difficulties, owing to the presence in the ore of sulphides, arsenic, antimony, bismuth, or tellurium compounds, which coat the gold and silver with a film of tarnish, so that the mercury cannot touch it. Again, with many minerals, the mercury is "sickened," its fluidity is destroyed, and it becomes either a tenacious mass, or assumes a powdery character. In each case its amalgamating action is almost destroyed; the result being that from 30 to 80 per cent, or even more, of the gold, and a great amount of silver escape the action of the mercury, being lost in the tailings, whilst large quantities of the mercury are als...

A Practical Treatise on Metallurgy, Adapted from the Last German Edition of Professor Kerl's Metallurgy ; Lead, silver, zinc, cadmium, tin, mercury, ... nickel, arsenic, gold, platinum, sulphur By G.r.b. Kerl Bibliography

- Published on: 2012-05-18
- Original language: English
- Number of items: 1
- Dimensions: 9.69" h x .48" w x 7.44" l, .91 pounds
- Binding: Paperback
- 228 pages

Editorial Review

Users Review

From reader reviews:

Andrew Waite:

Do you one of people who can't read gratifying if the sentence chained in the straightway, hold on guys this specific aren't like that. This A Practical Treatise on Metallurgy, Adapted from the Last German Edition of Professor Kerl's Metallurgy ; Lead, silver, zinc, cadmium, tin, mercury, ... nickel, arsenic, gold, platinum, sulphur book is readable simply by you who hate the straight word style. You will find the information here are arrange for enjoyable reading experience without leaving also decrease the knowledge that want to offer to you. The writer regarding A Practical Treatise on Metallurgy, Adapted from the Last German Edition of Professor Kerl's Metallurgy ; Lead, silver, zinc, cadmium, tin, mercury, ... nickel, arsenic, gold, platinum, sulphur content conveys objective easily to understand by lots of people. The printed and e-book are not different in the content material but it just different available as it. So , do you continue to thinking A Practical Treatise on Metallurgy, Adapted from the Last German Edition of Professor Kerl's Metallurgy ; Lead, silver, zinc, cadmium, tin, mercury, ... nickel, arsenic, gold, platinum, sulphur is not loveable to be your top record reading book?

Mary Stock:

The e-book untitled A Practical Treatise on Metallurgy, Adapted from the Last German Edition of Professor Kerl's Metallurgy ; Lead, silver, zinc, cadmium, tin, mercury, ... nickel, arsenic, gold, platinum, sulphur is the e-book that recommended to you to see. You can see the quality of the book content that will be shown to an individual. The language that author use to explained their ideas are easily to understand. The copy writer was did a lot of research when write the book, hence the information that they share to you is absolutely accurate. You also could possibly get the e-book of A Practical Treatise on Metallurgy, Adapted from the Last German Edition of Professor Kerl's Metallurgy ; Lead, silver, zinc, cadmium, tin, mercury, ... nickel, arsenic, gold, platinum, sulphur from the publisher to make you much more enjoy free time.

Leonard Jones:

Playing with family in the park, coming to see the sea world or hanging out with close friends is thing that usually you have done when you have spare time, and then why you don't try issue that really opposite from that. A single activity that make you not experience tired but still relaxing, trilling like on roller coaster you already been ride on and with addition info. Even you love A Practical Treatise on Metallurgy, Adapted from the Last German Edition of Professor Kerl's Metallurgy ; Lead, silver, zinc, cadmium, tin, mercury, ... nickel, arsenic, gold, platinum, sulphur, you may enjoy both. It is very good combination right, you still wish to miss it? What kind of hangout type is it? Oh seriously its mind hangout guys. What? Still don't get it, oh come on its called reading friends.

Joseph Felder:

A Practical Treatise on Metallurgy, Adapted from the Last German Edition of Professor Kerl's Metallurgy ; Lead, silver, zinc, cadmium, tin, mercury, ... nickel, arsenic, gold, platinum, sulphur can be one of your starter books that are good idea. We recommend that straight away because this reserve has good vocabulary that can increase your knowledge in vocabulary, easy to understand, bit entertaining however delivering the information. The author giving his/her effort to set every word into delight arrangement in writing A Practical Treatise on Metallurgy, Adapted from the Last German Edition of Professor Kerl's Metallurgy ; Lead, silver, zinc, cadmium, tin, mercury, ... nickel, arsenic, gold, platinum, sulphur nevertheless doesn't forget the main place, giving the reader the hottest along with based confirm resource information that maybe you can be one among it. This great information may drawn you into brand new stage of crucial imagining.

Read A Practical Treatise on Metallurgy, Adapted from the Last German Edition of Professor Kerl's Metallurgy ; Lead, silver, zinc, cadmium, tin, mercury, ... nickel, arsenic, gold, platinum, sulphur By G.r.b. Kerl for online ebook

A Practical Treatise on Metallurgy, Adapted from the Last German Edition of Professor Kerl's Metallurgy ; Lead, silver, zinc, cadmium, tin, mercury, ... nickel, arsenic, gold, platinum, sulphur By G.r.b. Kerl Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read A Practical Treatise on Metallurgy, Adapted from the Last German Edition of Professor Kerl's Metallurgy ; Lead, silver, zinc, cadmium, tin, mercury, ... nickel, arsenic, gold, platinum, sulphur By G.r.b. Kerl books to read online.

Online A Practical Treatise on Metallurgy, Adapted from the Last German Edition of Professor Kerl's Metallurgy ; Lead, silver, zinc, cadmium, tin, mercury, ... nickel, arsenic, gold, platinum, sulphur By G.r.b. Kerl ebook PDF download

A Practical Treatise on Metallurgy, Adapted from the Last German Edition of Professor Kerl's Metallurgy ; Lead, silver, zinc, cadmium, tin, mercury, ... nickel, arsenic, gold, platinum, sulphur By G.r.b. Kerl Doc

A Practical Treatise on Metallurgy, Adapted from the Last German Edition of Professor Kerl's Metallurgy ; Lead, silver, zinc, cadmium, tin, mercury, ... nickel, arsenic, gold, platinum, sulphur By G.r.b. Kerl Mobipocket

A Practical Treatise on Metallurgy, Adapted from the Last German Edition of Professor Kerl's Metallurgy ; Lead, silver, zinc, cadmium, tin, mercury, ... nickel, arsenic, gold, platinum, sulphur By G.r.b. Kerl EPub

PDR7NZ6JU0V: A Practical Treatise on Metallurgy, Adapted from the Last German Edition of Professor Kerl's Metallurgy ; Lead, silver, zinc, cadmium, tin, mercury, ... nickel, arsenic, gold, platinum, sulphur By G.r.b. Kerl