



Formability of Metallic Materials

By Banabic, D. / Pöhlandt, Klaus

Book Condition: New. Publisher/Verlag: Springer, Berlin | Plastic Anisotropy, Formability Testing, Forming Limits | After a brief introduction into crystal plasticity, the fundamentals of crystallographic textures and plastic anisotropy, a main topic of this book, are outlined. A large chapter is devoted to formability testing both for bulk metal and sheet metal forming. For the first time testing methods for plastic anisotropy of round bars and tubes are included. A profound survey is given of literature about yield criteria for anisotropic materials up to most recent developments and the calculation of forming limits of anisotropic sheet metal. Other chapters are concerned with properties of workpieces after metal forming as well as the fundamentals of the theory of plasticity and finite element simulation of metal forming processes. The book is completed by a collection of tables of international standards for formability testing and of flow curves of metals which are most commonly used in metal forming. It is addressed both to university and industrial readers. | 1 Introduction. Elements of Crystal Plasticity.- 3 Formability Testing.- 4 Anisotropy of Sheet Metal.- 5 Forming Limits of Sheet Metal.- 6 Workpiece Properties after Metal Forming.- 7 Simulation of Metal Forming.- Appendix 1:...

DOWNLOAD



READ ONLINE

[3.11 MB]

Reviews

Absolutely essential study pdf. It is written in basic words and phrases rather than hard to understand. I am just happy to tell you that this is basically the finest pdf i actually have study during my personal lifestyle and can be the very best publication for actually.

-- **Shyanne Senger**

Comprehensive information! Its this sort of great go through. It really is really interesting through studying time. I am just quickly can get a satisfaction of looking at a created pdf.

-- **Alexandra Weissnat**

Related Kindle Books



[Kingfisher Readers: Record Breakers - the Biggest \(Level 3: Reading Alone with Some Help\) \(Unabridged\)](#)

Pan Macmillan. Paperback. Book Condition: new. BRAND NEW, Kingfisher Readers: Record Breakers - the Biggest (Level 3: Reading Alone with Some Help) (Unabridged), Claire Llewellyn, For the first time, Kingfisher brings its expertise in beautifully-designed, trusted non-fiction to the sphere of learning...



[DK Readers Invaders From Outer Space Level 3 Reading Alone](#)

DK CHILDREN. Paperback. Book Condition: New. Paperback. 48 pages. Dimensions: 8.9in. x 5.9in. x 0.1in. Are aliens from other planets visiting Earth? Read these amazing stories of alien encounters -- and make up your own mind! The 48-page Level 3 books, designed for...



[Would It Kill You to Stop Doing That?](#)

Book Condition: New. Publisher/Verlag: Little, Brown Book Group | A Modern Guide to Manners | A laugh-out-loud guide to modern manners by acclaimed humorist, author, and Vanity Fair columnist Henry Alford. | A few years ago, humorist and journalist Henry Alford found...



[TJ new concept of the Preschool Quality Education Engineering: new happy learning young children \(3-5 years old\) daily learning book Intermediate \(2\) \(Chinese Edition\)](#)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Pre-employment Training software download generated pictures...



[Violet Rose and the Surprise Party](#)

Book Condition: New. Publisher/Verlag: Nosy Crow | With activities, 3D press-out models and over 175 stickers! Plus free games and printables online! | When busy rabbit, Violet Rose, discovers that her friend Lily has a birthday coming up, she and her buddies...



[Fox Tales for Kids: Fifteen Fairy Stories about Foxes for Children \(Paperback\)](#)

Createspace, United States, 2012. Paperback. Book Condition: New. 226 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Fifteen short stories about foxes are selected from several books of fairy tales from various sources. These tales are designed...