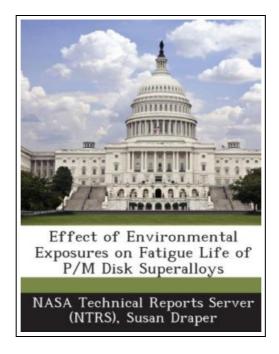
Effect of Environmental Exposures on Fatigue Life of P/M Disk Superalloys



Filesize: 2.64 MB

Reviews

A must buy book if you need to adding benefit. It can be rally interesting throgh looking at period of time. Its been designed in an remarkably simple way and it is only after i finished reading this publication by which in fact altered me, modify the way i believe. (Ms. Julie Huels)

EFFECT OF ENVIRONMENTAL EXPOSURES ON FATIGUE LIFE OF P/M DISK SUPERALLOYS



Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. As the temperature capability of Ni-base superalloy powder metallurgy disks is steadily increased, environmental resistance and protection of advanced nickel-based turbine disk components are becoming increasingly important. Localized surface hot corrosion attack and damage from oxidation have been shown to impair disk fatigue life and may eventually limit disk operating temperatures. NASA Research Announcement (NRA) contracts have been awarded to GE Aviation and Honeywell Aerospace to separately develop fatigue resistant metallic and ceramic coatings for corrosion resistance and the corrosion/fatigue results of selected coatings will be presented. The microstructural response of a bare ME3 disk superalloy has been evaluated for moderate (704 C) and aggressive (760-816 C) oxidizing exposures up to 2,020 hours. Cross section analysis reveals sub-surface damage (significant for aggressive exposures) that consists of Al2O3 fingers, interfacial voids, a recrystallized precipitate-free layer and GB carbide dissolution. The effects of a Nichrome corrosion coating on this microstructural response will also be presented.



Read Effect of Environmental Exposures on Fatigue Life of P/M Disk Superalloys Online Download PDF Effect of Environmental Exposures on Fatigue Life of P/M Disk Superalloys

Other eBooks



Weebies Family Halloween Night English Language: English Language British Full Colour

 $Create space, United States, 2014. \ Paperback. \ Book Condition: New. \ 229 x 152 mm. \ Language: English. \ Brand New Book ***** Print on Demand ******. Children's Weebies Family Halloween Night Book 20 starts to teach Pre-School and...$

Download Document »



Children's Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

 $Create space, United States, 2013. \ Paperback. \ Book \ Condition: New. \ 254 \times 178 \ mm. \ Language: English \ . \ Brand \ New \ Book \ ****** Print on Demand \ ******. \ ABOUT \ SMART \ READS for Kids \ . \ Love \ Art, \ Love \ Learning \ Welcome. \ Designed \ to...$

Download Document »



YJ] New primary school language learning counseling language book of knowledge [Genuine Specials(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: 2011-03-01 Pages: 752 Publisher: Jilin University Shop Books All the new...

Download Document »



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

 $Rarebook sclub.com, United States, 2013. \ Paperback. \ Book Condition: New. \ 246 \times 189 \ mm. \ Language: English. \ Brand \ New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can usually...$

Download Document »



Children's Educational Book Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****. ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

Download Document »



Childrens Educational Book Junior Vincent van Gogh A Kids Introduction to the Artist and his Paintings. Age 7 8 9 10 year-olds SMART READS for . - Expand Inspire Young Minds Volume 1

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 26 pages. Dimensions: 9.8in. x 6.7in. x 0.2in.Van Gogh for Kids 9. 754. 99-PaperbackABOUT SMART READS for Kids...

Save Document »



From Here to Paternity

SIMON SCHUSTER, United States, 2007. Paperback. Book Condition: New. 198 x 130 mm. Language: English . Brand New Book. Will Jackson is a desperate man - desperate to be a dad, that is. Tired of

Save Document »



Klara the Cow Who Knows How to Bow (Fun Rhyming Picture Book/Bedtime Story with Farm Animals about Friendships, Being Special and Loved. Ages 2-8) (Friendship Series Book 1)

Createspace, United States, 2015. Paperback. Book Condition: New. Apoorva Dingar (illustrator). Large Print. 214 x 149 mm. Language: English . Brand New Book ***** Print on Demand *****. Klara is a little different from the other

Save Document »



New KS2 English SAT Buster 10-Minute Tests: Grammar, Punctuation & Spelling (2016 SATs & Beyond)

Coordination Group Publications Ltd (CGP). Paperback. Book Condition: new. BRAND NEW, New KS2 English SAT Buster 10-Minute Tests: Grammar, Punctuation & Spelling (2016 SATs & Beyond), CGP Books, CGP Books, This book of SAT Buster Save Document »



Hitler's Exiles: Personal Stories of the Flight from Nazi Germany to America

New Press. Hardcover. Book Condition: New. 1565843940 Never Read-12+ year old Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy-

Save Document »