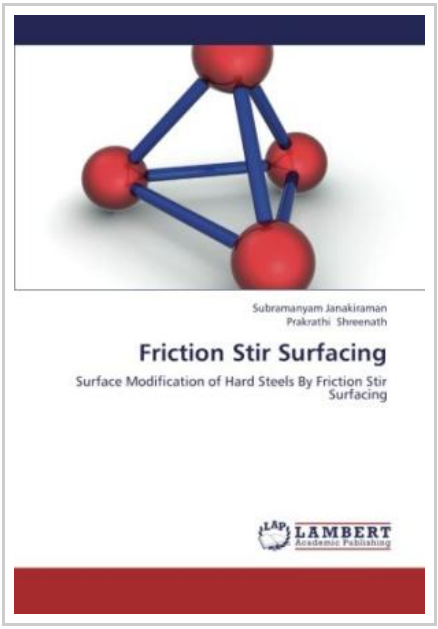


DOWNLOAD

Friction Stir Surfacing

By Subramanyam Janakiraman

LAP Lambert Academic Publishing Mai 2013, 2013. Taschenbuch. Book Condition: Neu. 220x150x5 mm. Neuware - Friction Stir Surfacing(FSS)has been developed for fabrication of surface composite. The process involves rotating a solid consumable bar with one of its ends pressed hard against a substrate material such as a plate. Commercial pure aluminium and medium carbon steel is used as tool and substrate. Heat is generated at the tip of the consumable, producing a plasticized layer. Lateral movement of the substrate, relative to the rotating consumable, deposits this plasticized material on to the substrate. There is no melting of the substrate material and therefore no dilution of the substrate. The composition of the deposit is the same as that of the consumable. The deposit is inherently homogeneous and has good mechanical strength and adherence. It was also found that Fe particles fragmented in the Al matrix. The X-Ray Diffraction(XRD) resulted with ferrite and aluminum phase. A mechanism is discussed for formation of a composite surface on the steel substrate. 80 pp. Englisch.

READ ONLINE
[1.97 MB]

Reviews

This book will never be straightforward to start on reading through but quite enjoyable to learn. Better then never, though i am quite late in start reading this one. Your lifestyle span will probably be convert once you complete reading this publication.

-- ***Dr. Kadin Hane DVM***

This publication may be worth purchasing. it was actually writtern quite flawlessly and valuable. I am just happy to tell you that this is actually the very best book i actually have study inside my personal life and can be he best ebook for actually.

-- ***Frank Nienow***

Other Books

Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG, Eignungstest für das Medizinstudium, Adult Attachment Interview,...

Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers who are new to computer programming. Although...

DK Readers L2: Survivors: The Night the Titanic Sank

DK Publishing. Paperback / softback. Book Condition: new. BRAND NEW, DK Readers L2: Survivors: The Night the Titanic Sank, Caryn Jenner, Linda Martin, Will Tate and his family set sail for America. But they are on board the Titanic, the "unsinkable" ship,...

Adobe Indesign CS/Cs2 Breakthroughs

Peachpit Press, 2005. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Adobe InDesign is taking the publishing world by storm and users are hungry for breakthrough solutions to...

The Java Tutorial (3rd Edition)

Pearson Education, 2001. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Praise for "The Java' Tutorial, Second Edition" includes: "This book stands above the rest because it has...

Have You Locked the Castle Gate?

Addison-Wesley Professional. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Is your computer safe Could an intruder sneak in and steal your information, or plant a virus Have...