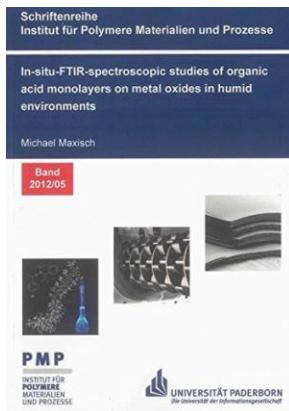


Get Doc

IN-SITU-FTIR-SPECTROSCOPIC STUDIES OF ORGANIC ACID MONOLAYERS ON METAL OXIDES IN HUMID ENVIRONMENTS



Shaker Verlag Jun 2012, 2012. Buch. Book Condition: Neu. Neuware - A new in-situ setup combining ultra-high vacuum (UHV), plasma application, modern photoelastic-modulated-infrared-reflection-absorption-spectroscopy (PM-IRRAS) and quartz crystal microbalance (QCM) was developed to analyze the formation and stability of selfassembled monolayers (SAMs) on engineering metals in detail. At first the adsorption behaviour of different organophosphonic acids on nickel-titanium (NiTi) shape memory alloy (SMA) were analysed. PM-IRRAS prove that the binding mechanism is based on a mono- or bidental bond. In addition...

Read PDF In-situ-FTIR-spectroscopic studies of organic acid monolayers on metal oxides in humid environments

- Authored by Michael Maxisch
- Released at 2012



Filesize: 3.72 MB

Reviews

The best publication i actually study. I actually have study and so i am confident that i am going to likely to study once more yet again later on. You will not sense monotony at at any moment of your respective time (that's what catalogs are for relating to if you ask me).

-- Ernest Bergnaum

This type of pdf is every little thing and helped me searching forward and more. It can be writer in easy words and phrases and never hard to understand. You will not really feel monotony at anytime of your respective time (that's what catalogues are for about should you request me).

-- Fern Bailey

Related Books

Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply

- **Caring...**
- **The Mystery at the Eiffel Tower Around the World in 80 Mysteries**
- **Baby Tips for New Moms Vol 1 First 4 Months by Jeanne Murphy 1998 Paperback**
- **Creative Kids Preschool Arts and Crafts by Grace Jasmine 1997 Paperback New**
- **Edition Teachers Edition of Textbook**
- **Silverlight 5 in Action**