



Physics and Chemistry of Interfaces

By Hans-Jürgen Butt

Wiley VCH Verlag GmbH Mrz 2013, 2013. Taschenbuch. Book Condition: Neu. 241x172x22 mm. Neuware - The third edition of this excellent textbook for advanced students in material science, chemistry, physics, biology, engineering, or for researchers needing background knowledge in surface and interface science. The general yet comprehensive introduction to this field focuses on the essential concepts rather than specific details, on intuitive understanding rather than learning facts. The text reflects the many facets of this discipline by linking physical fundamentals, especially those taken from thermodynamics, with application-specific topics. Similarly, the theory behind important concepts is backed by clearly explained scientific-engineering aspects, as well as by a wide range of high-end applications from microelectronics and biotechnology. Manifold high-end applications from surface technology, biotechnology, and microelectronics are used to illustrate the basic concepts. New to this edition are such hot topics as second harmonic generation spectroscopy, surface diffusion mechanisms and measurement of surface diffusion, optical spectroscopy of surfaces, atomic layer deposition, superlubricity, bioadhesion, and spin coating. At the same time, the discussions of liquid surfaces, the Marangoni effect, electric double layer, measurement of surface forces, wetting, adsorption, and experimental techniques have been updated, while the number and variety of exercises are increased,...



READ ONLINE
[1.89 MB]

Reviews

This pdf is really gripping and intriguing. It typically is not going to charge excessive. Its been printed in an exceptionally easy way and it is simply right after i finished reading this ebook where basically altered me, modify the way i believe.

-- **Dr. Damian Kuhn V**

It in a of the best book. We have study and i also am confident that i will gonna study once more once more in the foreseeable future. I discovered this pdf from my i and dad recommended this book to understand.

-- **Kallie Simonis**

See Also



[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. \[Us English\]](#)

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to expand and inspire young minds; this is...



[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 expand and inspire young minds; this is...



[Barabbas Goes Free: The Story of the Release of Barabbas Matthew 27:15-26, Mark 15:6-15, Luke 23:13-25, and John 18:20 for Children](#)

Paperback. Book Condition: New.



[Some of My Best Friends Are Books : Guiding Gifted Readers from Preschool to High School](#)

Book Condition: Brand New. Book Condition: Brand New.



[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 Communities](#)

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 x 135 mm. Language: English . Brand New Book. An international bestseller, Barbara Coloroso s groundbreaking and trusted guide on bullying-including cyberbullying-arms parents and teachers with real solutions for a...



[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 .](#)

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...