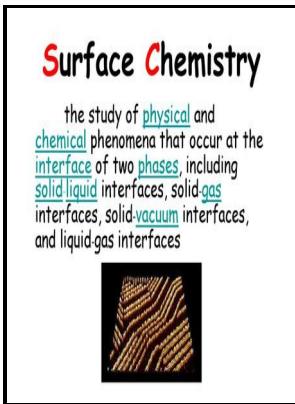


Surfaces and interfaces of solids

Springer-Verlag - Surface tension & surface energy



Description: -

- Solids -- Surfaces

Surfaces (Physics)Surfaces and interfaces of solids

- 15

Springer series in surface sciences ;Surfaces and interfaces of solids

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Tags: #Properties #of #Surfaces #and #Solids

Surfaces and Interfaces of Solid Materials (eBook, 1995) [skynet2550.us.to]

Introduction to surfaces and interfaces.

Surfaces and Interfaces of Solid Materials (eBook, 1995) [skynet2550.us.to]

Results can be fed into chemical models or used toward the of new catalysts.

Surface science

The equilibrium meniscus shape is a result of the competition between the and. We'll even convert your presentations and slide shows into the universal Flash format with all their original multimedia glory, including animation, 2D and 3D transition effects, embedded music or other audio, or even video embedded in slides.

Structure and Properties of Solid Surfaces

Experimental topics covering the basics of ultrahigh-vacuum technology, electron optics, surface spectroscopies and electrical interface characterization techniques are presented in the form of separate panels. Beside the techniques of preparing well-defined solid surfaces and interfaces basic models for the description of structural, vibronic and electronic properties of interfaces are described, as well as fundamental aspects of adsorption and layer growth.

[PDF] Surfaces and Interfaces of Solids, Structure of

For example, studies of or adsorption onto mineral surfaces reveal molecular-scale details of adsorption, enabling more accurate predictions of how these contaminants travel through soils or disrupt natural dissolution-precipitation cycles. Several modern methods probe the topmost 1—10 nm of exposed to vacuum.

Surface Chemistry of Solid and Liquid Interfaces

These microscopies have considerably increased the ability and desire of surface scientists to measure the physical structure of many surfaces. For instance, suppose that we have bar with a triangular cross section that is under tension. These include ARPES , XPS , AES , LEED , EELS , TPD , ISS , , , and other surface analysis methods included in the.

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