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different sites; 6.5. Coadsorption of CO and K on Ni(100); 7. Unsaturated hydrocarbons; 7.1. Ethylene (C₂H₄) adsorbed on Ni(110) and Cu(110); 7.2. Benzene on Ni and Cu surfaces; 7.3. Bond energetics and rehybridization from spin-uncoupling; 8. Saturated hydrocarbons; 8.1. n-Octane adsorbed on Cu(110); 8.2. Difference between octane on Ni and Cu surfaces; 9. Lone pair interactions; 9.1. Water adsorption on Pt and Cu surfaces; 9.2. Adsorption of ammonia and the amino group in glycine on Cu(110); 10. Summary

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3.1. Experimental techniques 3.2. Typical measurements; 3.2.1. Rate measurements; 3.2.2. Adsorption-trapping and sticking; 3.2.3. Desorption; 3.2.4. Scattering; 3.2.5. Initial state preparation; 3.2.6. Photochemistry/femtochemistry; 3.2.7. Single molecule chemistry (STM); 4. Processes; 4.1. Atomic adsorption/desorption/scattering; 4.1.1. Ar/Pt(111); 4.1.2. H/Cu(111); 4.2. Molecular adsorption/desorption/scattering; 4.2.1. NO/Ag(111); 4.2.2. NO/Pt (111); 4.3. Direct dissociation/associative desorption; 4.3.1. Activated dissociation; 4.3.2. Weakly activated dissociation
4.3.3. Non-activated dissociation

Sommario/riassunto

Molecular surface science has made enormous progress in the past 30 years. The development can be characterized by a revolution in fundamental knowledge obtained from simple model systems and by an explosion in the number of experimental techniques. The last 10 years has seen an equally rapid development of quantum mechanical modeling of surface processes using Density Functional Theory (DFT). Chemical Bonding at Surfaces and Interfaces focuses on phenomena and concepts rather than on experimental or theoretical techniques. The aim is to provide the common basis for describing the i

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WordPress; Anthologize; Updating plugins; Uninstalling plugins; Summary; Chapter 4: Enabling a Multisite Network; Before installing; Creating the network; Exploring the Network Admin area; Creating a new site; Installing themes and plugins; Network Enabled themes; Network Enabled plugins; Network administrator plugins; New Blog Templates; Multisite Plugin Manager; ThreeWP Activity Monitor Network contentDisplaying a list of network sites; Displaying network posts; Summary; Chapter 5: Creating a Social Network with BuddyPress; WordPress, Multisite, and BuddyPress; Installing BuddyPress; Components; Pages; Permalinks; Theme; Finish; Registering student accounts; Individually registering students; Enabling student self registration; Activity; Friend connections; Groups; Forums; Group forums; Sitewide forums; Protecting student privacy; Summary; Chapter 6: BuddyPress Courseware; Installing and configuring BP Courseware; BuddyPress Courseware settings; Global settings Collaboration settingsMake assignment responses private; Gradebook default grade format; Webservices API integration; Customization; Renaming the groups page; Setting Courses as the site home page; Creating a course; Enabling BP Courseware; Courseware dashboard; Adding course content; Lectures; Assignments; Posting assignments as a teacher; Submitting assignments as a student; Viewing student responses; Gradebook; Bibliography; Schedule and calendar; Teacher and student roles; Help and support; Summary; Chapter 7: Site Management; Site backups; Site performance; WP Super Cache Better WP Minify

Sommario/riassunto

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