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Titolo	Surface and interface science . Volume 4 Solid-solid interfaces and thin films. // edited by Klaus Wandelt
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Polyaromatic Hydrocarbons on Coinage Metal Surfaces / Neville V Richardson -- Molecular Chirality at Surfaces / Karl-Heinz Ernst -- Adsorption on Semiconductor Surfaces / Andrew V Teplyakov -- Adsorption on Metal Oxide Surfaces / Gareth S Parkinson, Ulrike Diebold -- Non-linear Phenomena during Heterogeneously Catalyzed Reactions Exemplified by the CO Oxidation on Pt / Jochen Lauterbach, Harm Hinrich Rotermund -- Statistical Surface Thermodynamics / Andrzej Patrykiewicz, Stefan Sokolowski, Orest Pizio -- Dynamics of Gas-Surface Interactions / Alan C Luntz -- Controlled Manipulation of Single Atoms and Small Molecules Using the Scanning Tunneling Microscope / Karina Morgenstern, Nicolas Lorente, Karl-Heinz Rieder.
Sommario/riassunto	Covering interface science from a novel surface science perspective, this eight-volume handbook offers a comprehensive overview. Initial chapters treat basic fundamentals, while short references to more specialized methods accompany descriptions of the most important techniques.