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Nota di contenuto	ADVANCES IN CHEMICAL PHYSICS - VOLUME LXXVI; CONTENTS; INFRARED SPECTROSCOPY OF MOLECULES ADSORBED ON METAL SURFACES; MOLECULAR DESORPTION FROM SOLID SURFACES: LASER DIAGNOSTICS AND CHEMICAL DYNAMICS; MONTE CARLO CALCULATIONS ON PHASE TRANSITIONS IN ADSORBED LAYERS; MODEL STUDIES OF SURFACE CATALYZED REACTIONS; HELIUM-SCATTERING STUDIES OF THE DYNAMICS AND PHASE TRANSITIONS OF SURFACES; GAS-SURFACE REACTIONS MOLECULAR DYNAMICS SIMULATIONS OF REAL SYSTEMS; THEORY OF RESONANT CHARGE TRANSFER IN ATOM-SURFACE SCATTERING; AUTHOR INDEX; COMPOUND INDEX; SUBJECT INDEX
Sommario/riassunto	This text is the first of a two-volume work on molecule surface interactions addressing topics in chemical physics, surface science, physical chemistry, materials science, and electronics and

semiconductor manufacture. As with the other titles in the *Advances in Chemical Physics* series, the chapters are written by an international group of contributors and cover a wide range of important issues in the field.
