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# INFRARED SPECTROSCOPY OF MOLECULES ADSORBED ON METAL SURFACES

ROGER RYBERG

*Physics Department, Chalmers University of Technology, S-412 96 Göteborg,  
Sweden*

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# MOLECULAR DESORPTION FROM SOLID SURFACES: LASER DIAGNOSTICS AND CHEMICAL DYNAMICS

DAVID S. KING and RICHARD R. CAVANAGH

*Center for Atomic, Molecular and Optical Physics, National Institute of Standards and Technology, Gaithersburg, MD 20899, USA*

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# MONTE CARLO CALCULATIONS ON PHASE TRANSITIONS IN ADSORBED LAYERS

K. BINDER

*Institut für Physik, Johannes-Gutenberg-Universität-Mainz, D-6500 Mainz,  
Postfach 3980, Federal Republic of Germany*

and

D. P. LANDAU

*Center for Simulational Physics, The University of Georgia, Athens, GA 30602,  
USA*

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# **MODEL STUDIES OF SURFACE CATALYZED REACTIONS**

**A. G. SAULT and D. W. GOODMAN**

*Surface Science Division, Sandia National Laboratories, Albuquerque,  
NM 87185, USA*

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# HELIUM-SCATTERING STUDIES OF THE DYNAMICS AND PHASE TRANSITIONS OF SURFACES

KLAUS KERN and GEORGE COMSA

*Institut für Grenzflächenforschung und Vakuumphysik, KFR Jülich, P.O.  
Box 1913, D-5170 Jülich, Federal Republic of Germany*

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# GAS-SURFACE REACTIONS: MOLECULAR DYNAMICS SIMULATIONS OF REAL SYSTEMS\*

DONALD W. BRENNER

*Naval Research Laboratory, Washington, D.C. 20375, USA*

and

BARBARA J. GARRISON

*Department of Chemistry, The Pennsylvania State University, University Park, PA 16802, USA*

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# **THEORY OF RESONANT CHARGE TRANSFER IN ATOM-SURFACE SCATTERING**

**A. T. AMOS and K. W. SULSTON<sup>†‡</sup>**

*Department of Mathematics, University of Nottingham, Nottingham  
NG7 2RD, UK*

and

**S. G. DAVISON<sup>\*†</sup>**

*Department of Physics, Texas A&M University, College Station, Texas  
77843-4242, USA*

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