



Imaging and Manipulating Molecular Orbitals : Proceedings of the 3rd AtMol International Workshop, Berlin 24-25 September 2012

By Leonhard Grill

Springer-Verlag GmbH Sep 2013, 2013. Buch. Condition: Neu. Neuware - Imaging and Manipulating Molecular Orbitals celebrates the 60th anniversary of the first image of a single molecule by E. Müller. This book summarizes the advances in the field from various groups around the world who use a broad range of experimental techniques: scanning probe microscopy (STM and AFM), field emission microscopy, transmission electron microscopy, attosecond tomography and photoemission spectroscopy. The book is aimed at those who are interested in the field of molecular orbital imaging and manipulation. Included in the book are a variety of experimental techniques in combination with theoretical approaches which describe the spatial distribution and energies of the molecular orbitals. The goal is to provide the reader with an up-to-date summary on the latest developments in this field from various points of view. 206 pp. Englisch.



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