



## Adsorption properties of supported nanoparticles

---

By Grishin, Maksim / Shub, Boris

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Physical chemistry of nanomaterials | The book presents the results of investigations of physical-chemical properties of gold and organoboron nanoparticles that were carried out during the past at Semenov Institute of Chemical Physics of Russian Academy of Sciences. Using scanning tunneling microscopy and spectroscopy, modified to identify the products of elementary stages of chemical interaction, some characteristics of nanoparticles such as size, shape, electronic structure and adsorption characteristics of nanoparticles deposited on graphite, and oxidized silicon have been found. The results obtained were proved in quantum chemical simulations performed in the framework of the density functional theory. | Format: Paperback | Language/Sprache: rus | 104 pp.



**READ ONLINE**  
[ 9.69 MB ]

DOWNLOAD



### Reviews

*Complete guideline! Its such a excellent read. This really is for all who statte there had not been a worth studying. It is extremely difficult to leave it before concluding, once you begin to read the book.*

-- **Timothy Lynch**

*This is an incredible ebook which i actually have ever go through. This can be for those who statte that there had not been a really worth reading. I am just quickly can get a delight of reading a published book.*

-- **Ms. Colleen Ziemann V**