


[DOWNLOAD](#)


Plasmonic Nanoparticles and Hybrid Nanowires

By Andrea Pescaglini

SPS Jun 2016, 2016. Taschenbuch. Book Condition: Neu. 220x150x9 mm. Neuware - This book reviews some recent advances in a novel class of optoelectronics devices based on plasmonic nanoparticles-semiconductor nanowire hybrid nanostructures. The interest in such a new flourishing field derives from the miniaturized, tunable and integrated capabilities offered by these one-dimensional hybrid structures, that open up unprecedented scenario towards high-performance nanodevices. The first part of the book reviews the properties of metal nanostructures, with particular emphasis in explaining the plasmonic processes that can be used to expand the capabilities of semiconductor nanowires. In the second part, fabrication techniques and superior performances of devices based on hybrid nanostructures are discussed, providing a comprehensive overview of an expanding field with a large potential impact on future technology. 144 pp. Englisch.



READ ONLINE
[6.99 MB]

Reviews

This ebook is definitely not simple to begin on reading but really enjoyable to read through. This really is for all who state that there had not been a worth reading. You may like how the author publish this ebook.

-- **Demetrius Buckridge**

This book may be really worth a read through, and a lot better than other. It is really basic but excitement inside the 50 % in the pdf. I realized this pdf from my dad and i encouraged this publication to learn.

-- **Curtis Bartell**