



Characterization of Mono- and Bimetallic Nanoparticles synthesized via Microemulsions

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Shaker Verlag Feb 2014, 2014. Buch. Book Condition: Neu. Neuware - Research in the field of heterogeneous catalysis often focuses on the search for highly active and cheap catalysts in order to find possible substitutes for expensive but efficient base materials such as platinum. In this thesis mono- and bimetallic platinum-based nanoparticles (NPs) were synthesized via water-in-oil microemulsion. The resulting Pt, PtBi and PtPb nanoparticles were then characterized. 172 pp. Englisch.



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