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Cuvillier Verlag Okt 2007, 2007. Taschenbuch. Book Condition: Neu. 210x147x14 mm. Neuware - The goal of this thesis was to establish and to characterize single-molecule junctions by means of the mechanically controllable break-junction (MCBJ) technique. Using this method, an electrode pair with atomic-sized tips can be created. These tips are located exactly opposite to each other and their distance can be adjusted with picometer accuracy. This technique was developed by Moreland et al. in 1985 and further improved by Muller...

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- Authored by Emanuel Lörtscher
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