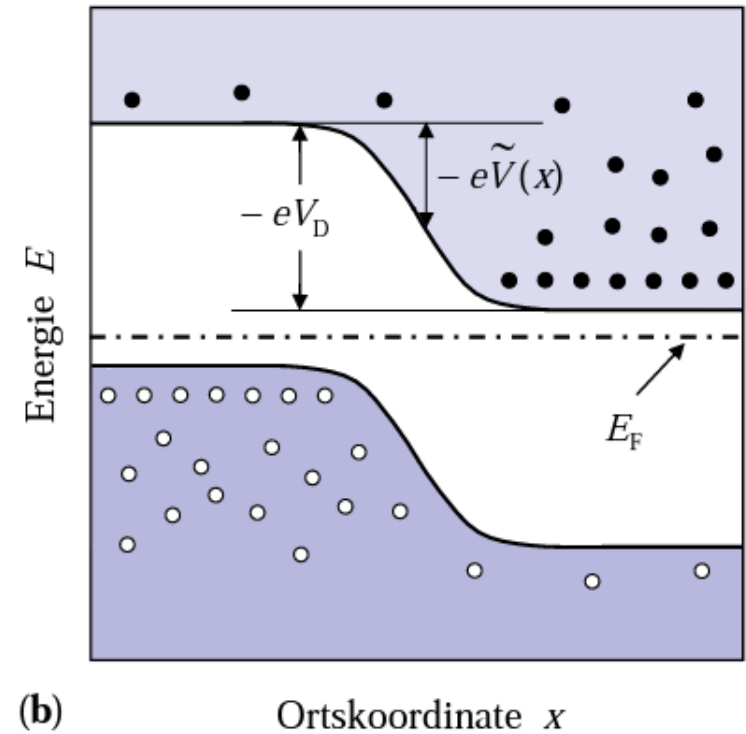
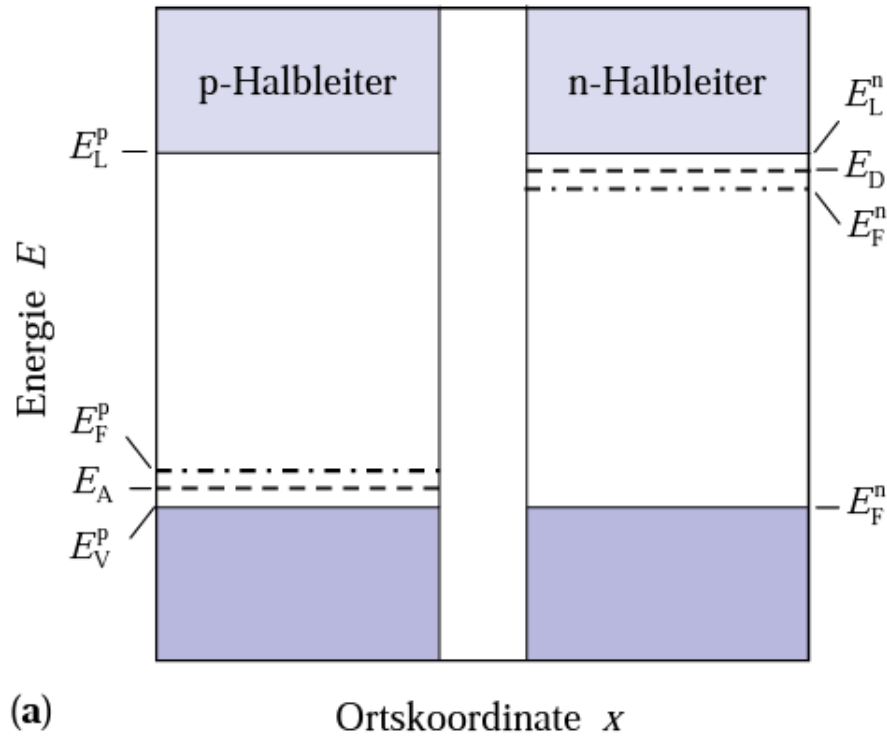
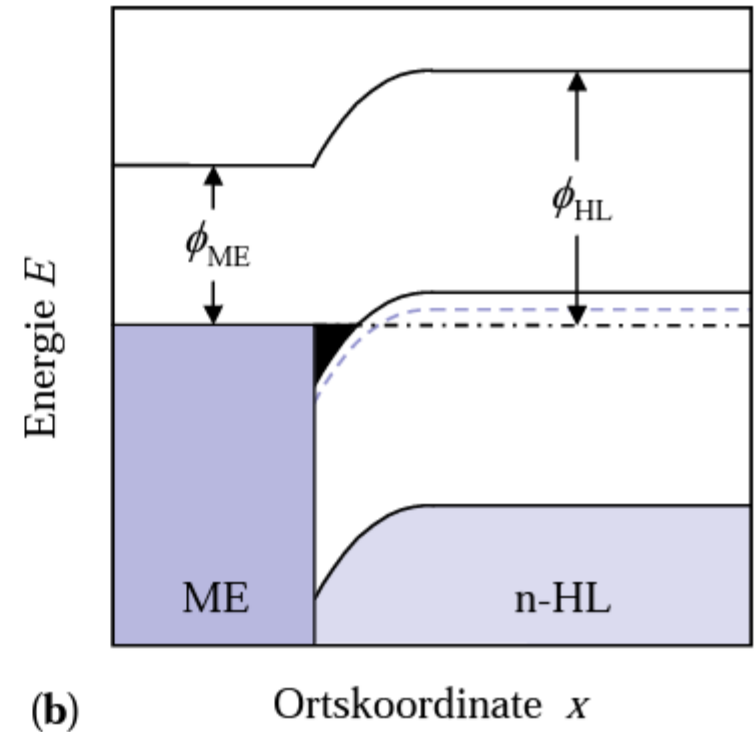
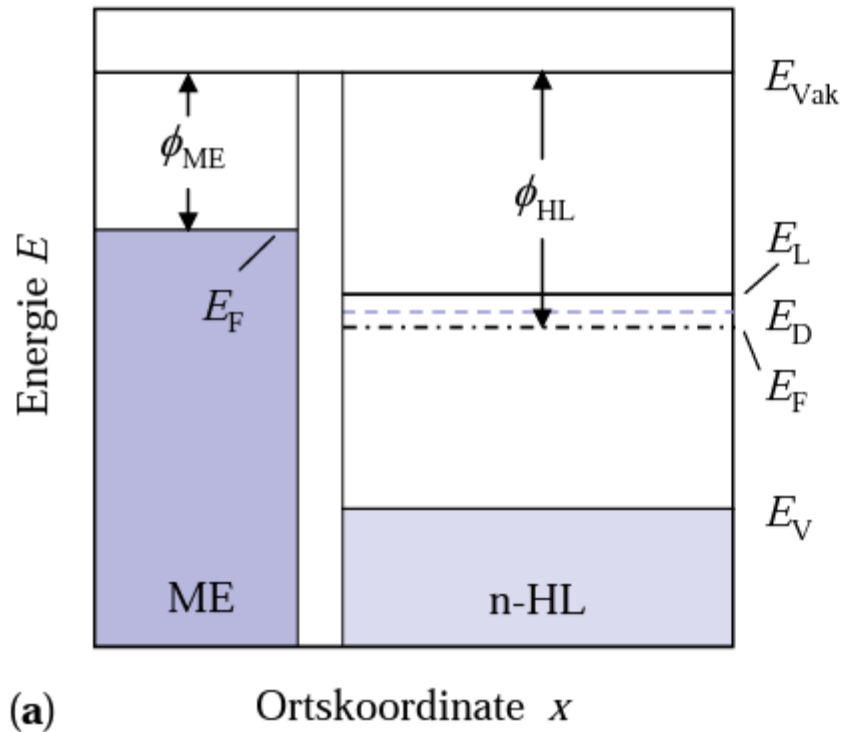


1. p-n Übergang
2. Metall-Halbleiter Übergang
3. Halbleiter-Heterostrukturen



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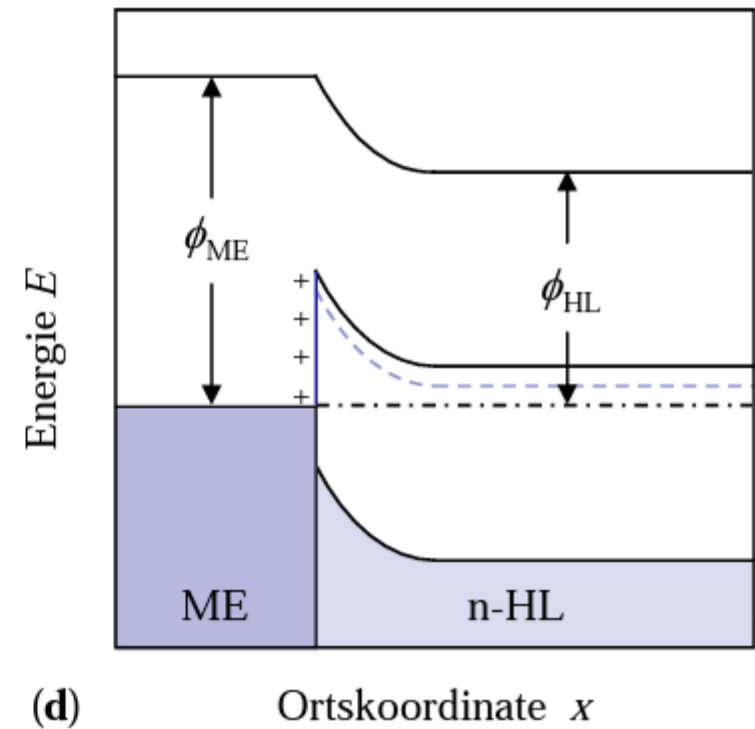
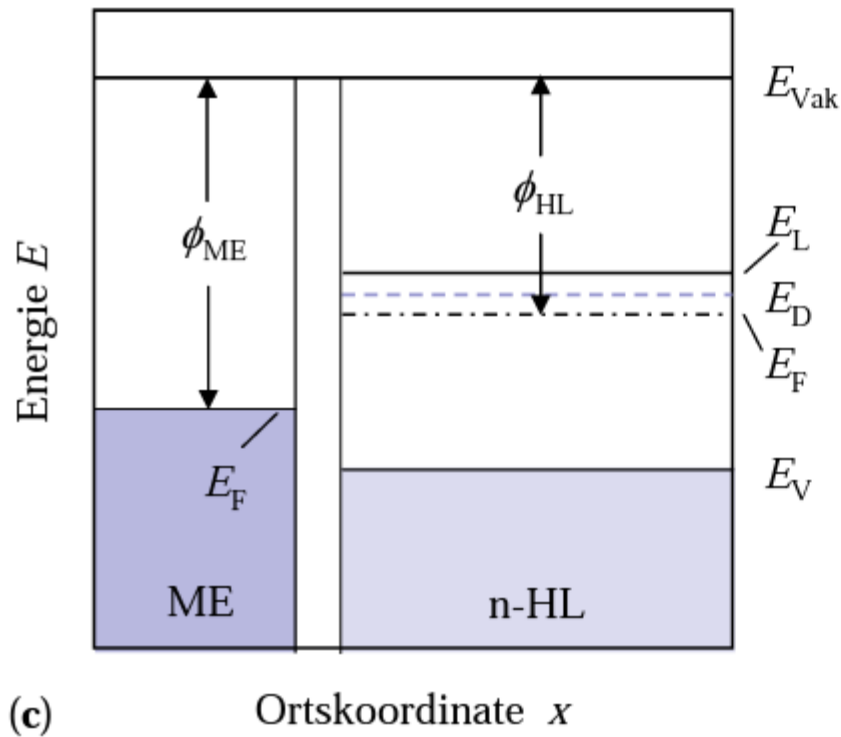
Metall / n-Halbleiter Übergang: Ohmscher Kontakt



Austrittsarbeit: $\phi_{HL} > \phi_{ME}$

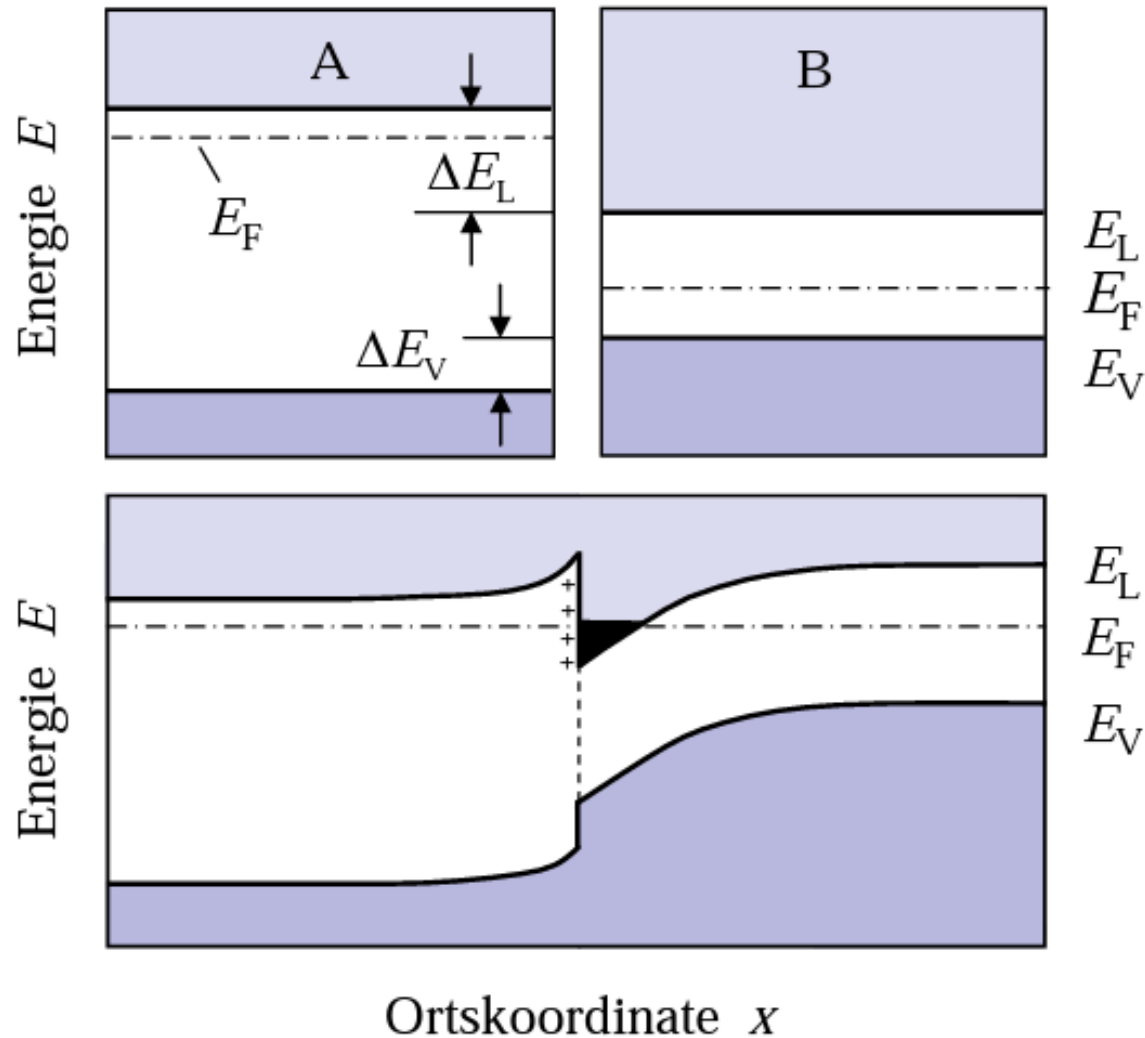
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Metall / n-Halbleiter Übergang: Schottky-Kontakt

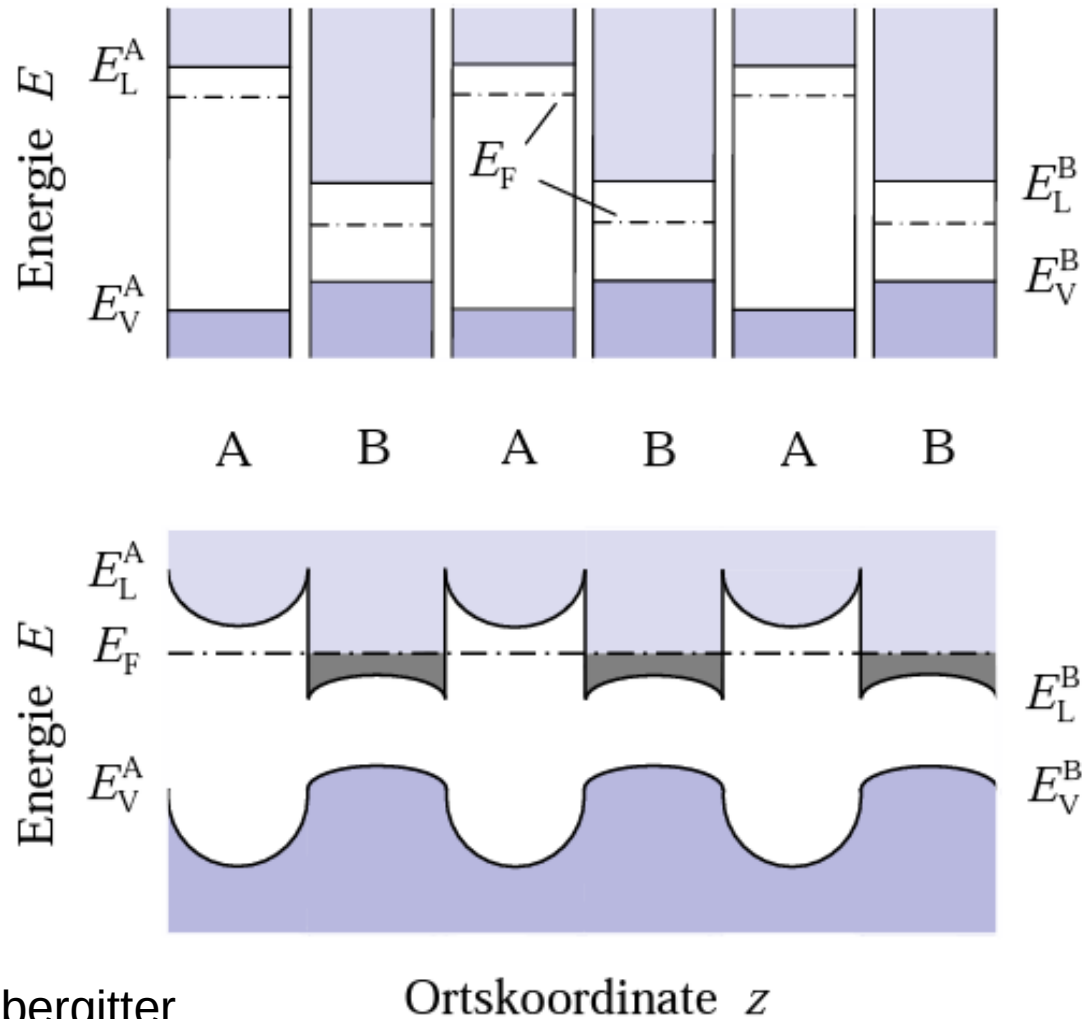


Austrittsarbeit: $\phi_{HL} < \phi_{ME}$

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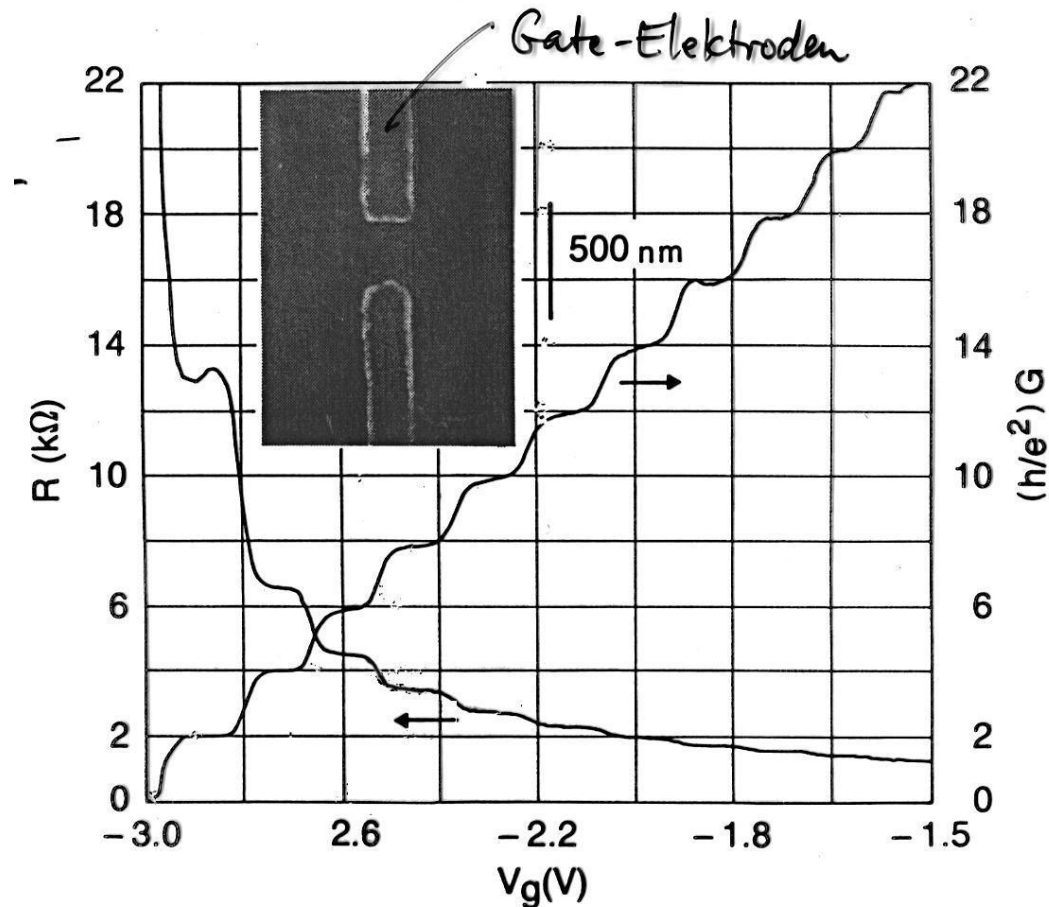


Kompositionsübergitter

Ortskoordinate z

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Quantisierung des Leitwerts in Quantenpunktkontakten



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