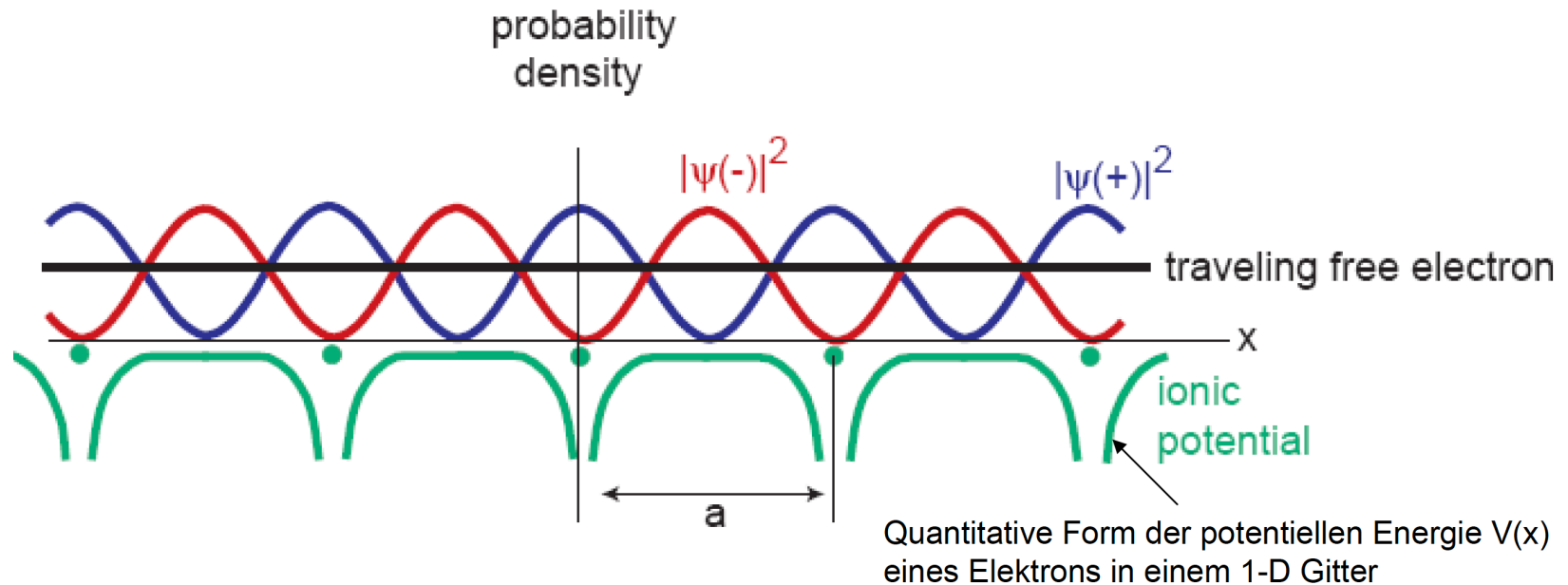
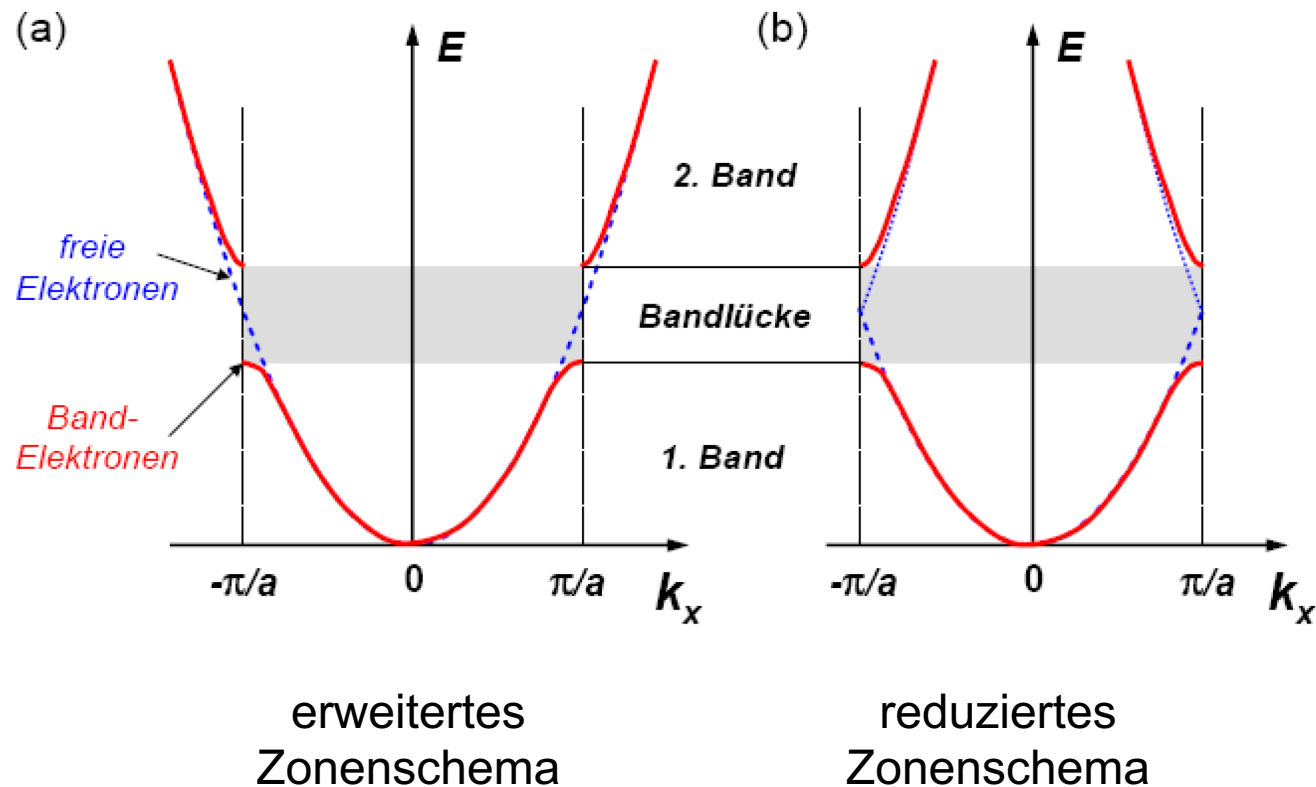
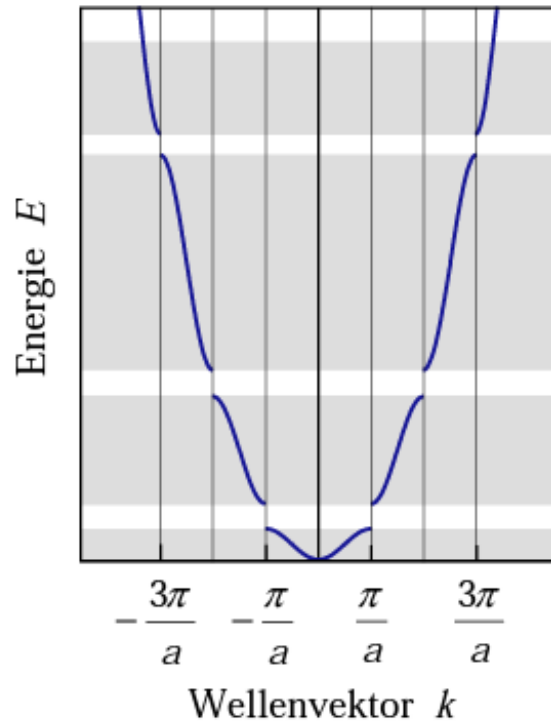


1. Quasi-freie Elektronen
2. Elektronen in einem periodischen Potential
3. Energiedispersionskurven
4. Bloch-Theorem
5. Bloch-Wellen

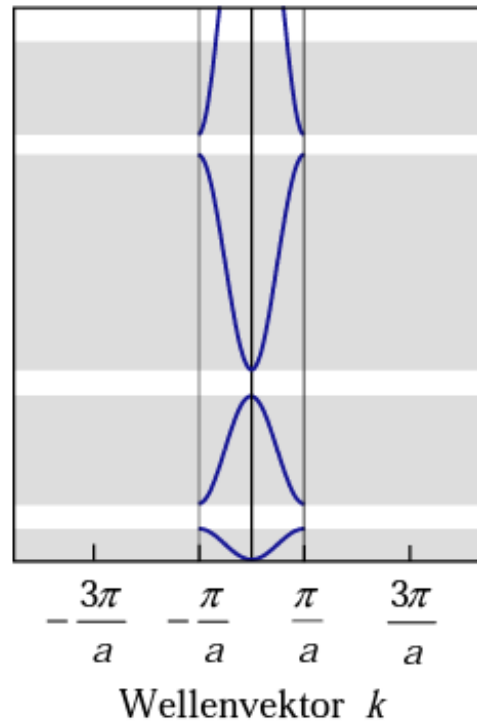




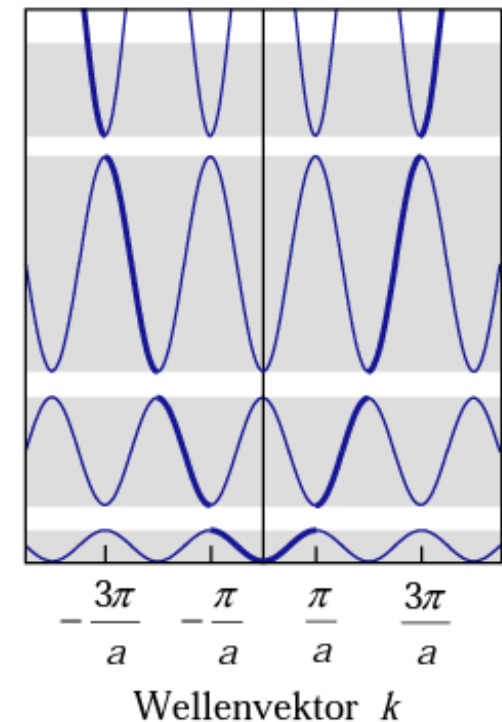
Energiedispersionskurven



erweitertes
Zonenschema



reduziertes
Zonenschema



periodisches
Zonenschema

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$$\Psi_k(x) = u_k(x) e^{ikx}$$

