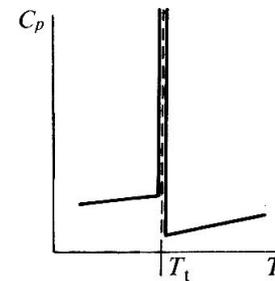
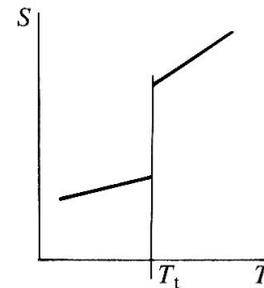
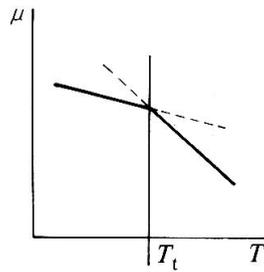
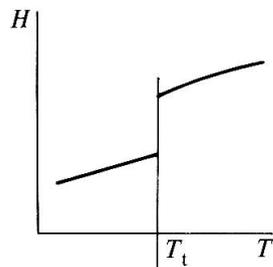
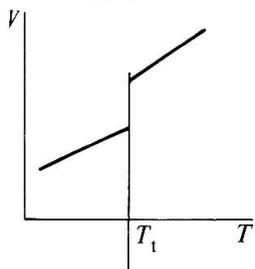


Phasenübergänge 1. und 2. Ordnung

(a) Übergänge erster Ordnung



(b) Übergänge zweiter Ordnung

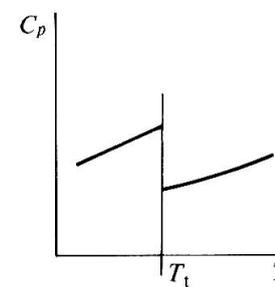
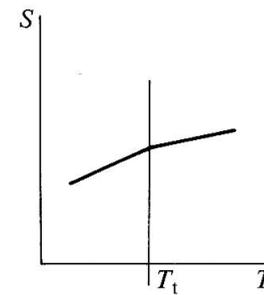
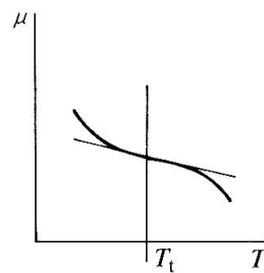
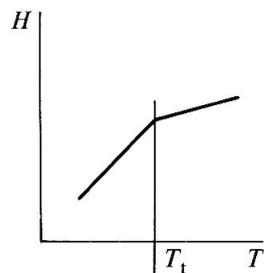
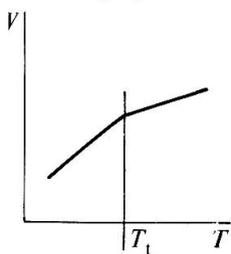
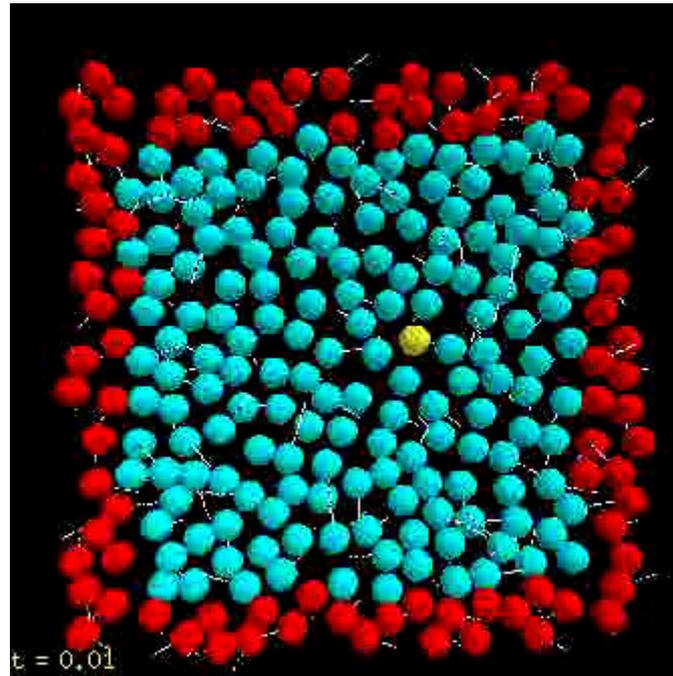
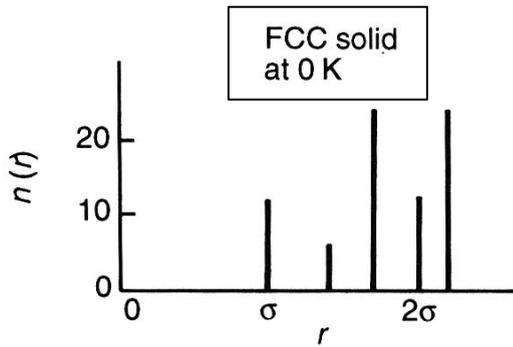


Abb. 7-11 Die Änderung der thermodynamischen Eigenschaften (a) bei Phasenübergängen erster Ordnung, (b) bei Phasenübergängen zweiter Ordnung.

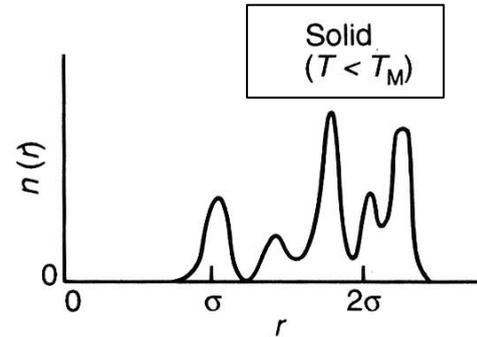
Struktur und Dynamik



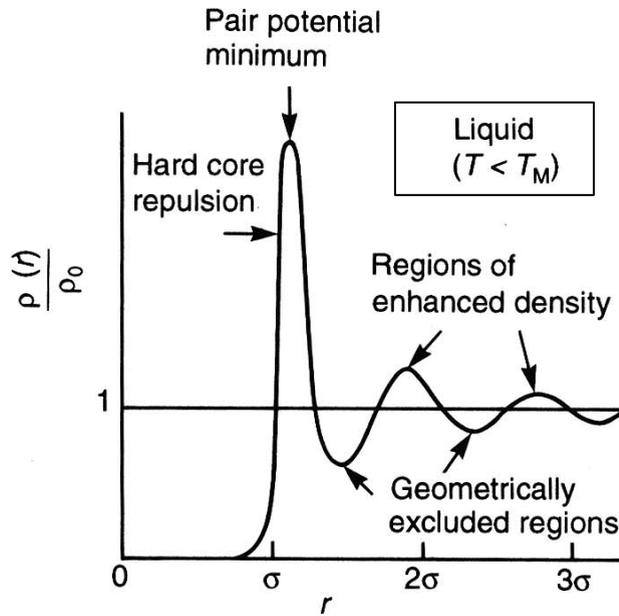
Paarverteilungsfunktion



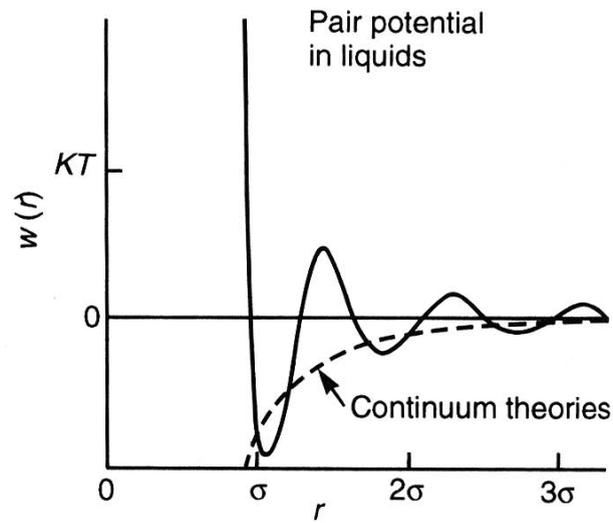
(a)



(b)

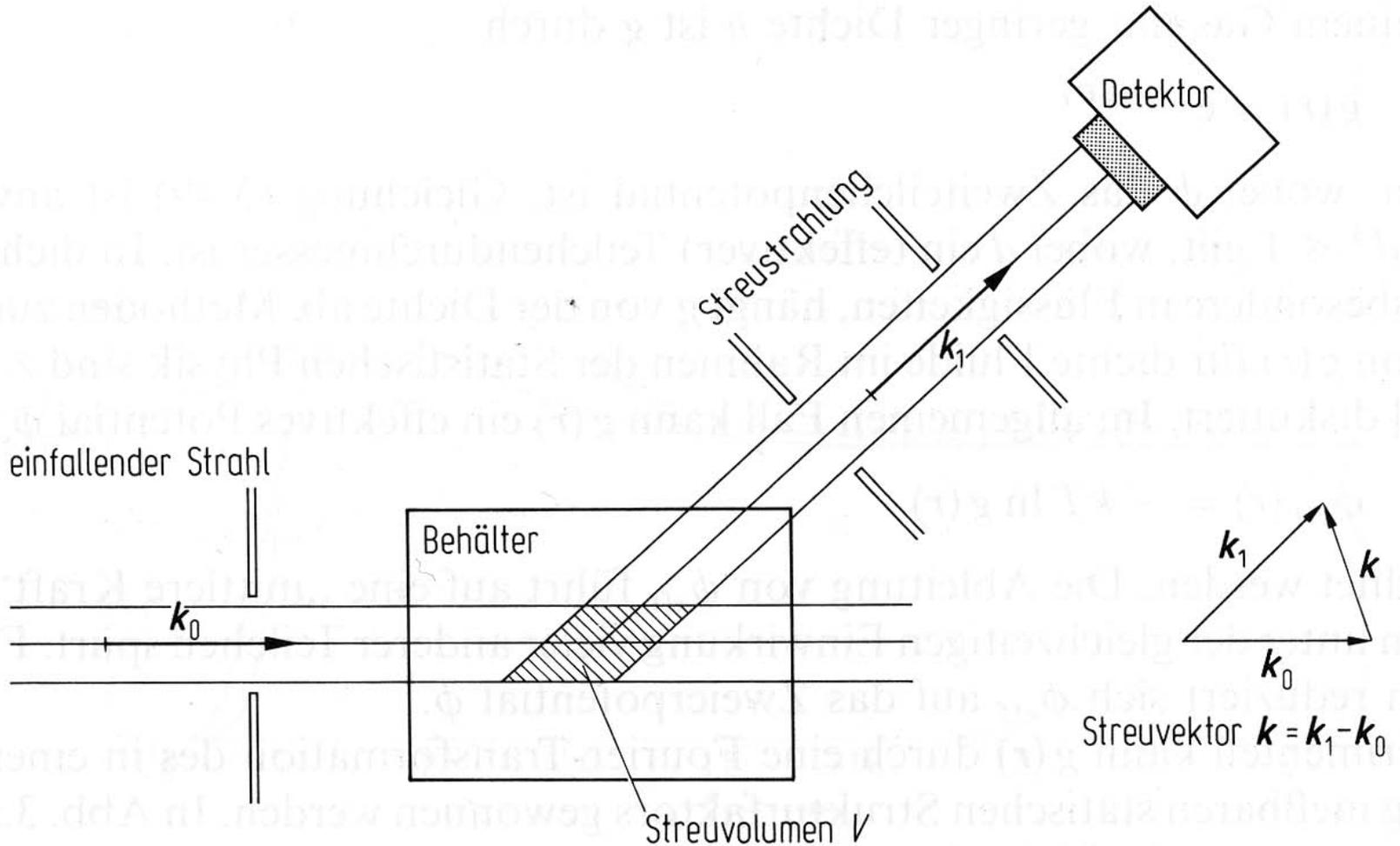


(c)



(d)

Schematischer Aufbau eines Streuexperimentes



Kolloide als Modellsysteme



$\Phi=0,63$
amorph

0,62
kristallin

0,60

0,58

0,55

0,53
Koexistenz