

O, X R@= P- YQEvuJJJD  
Pzes=wwP- Y- q<PSfCsQ~ fCqCsiHwP- YQEvuJJJD  
r~4\ SzC@b^ | T- ^ | CED

O, X S - \ ~YQS<eY- q%o beC^ - <<Css

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Formation of Superlattices of Gold Nanoparticles  
Using Ostwald Ripening in Emulsions: Transition  
from *fcc* to *bcc* Structure















volume fraction of particles in the droplets and  $R_{app}=2$  nm the apparent radius of the NPs. This expression is valid only when no superlattices are formed ( <







(SAXS) on dilute suspensions. They are grown with a



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0 1 2 3 " & & " 1 1 '

**Figure 5:** Effect of the initial suspension weight fraction on the Ostwald ripening. SAXS spectra





Small is different: energetic, structural, thermal, and mechanical properties of passivated