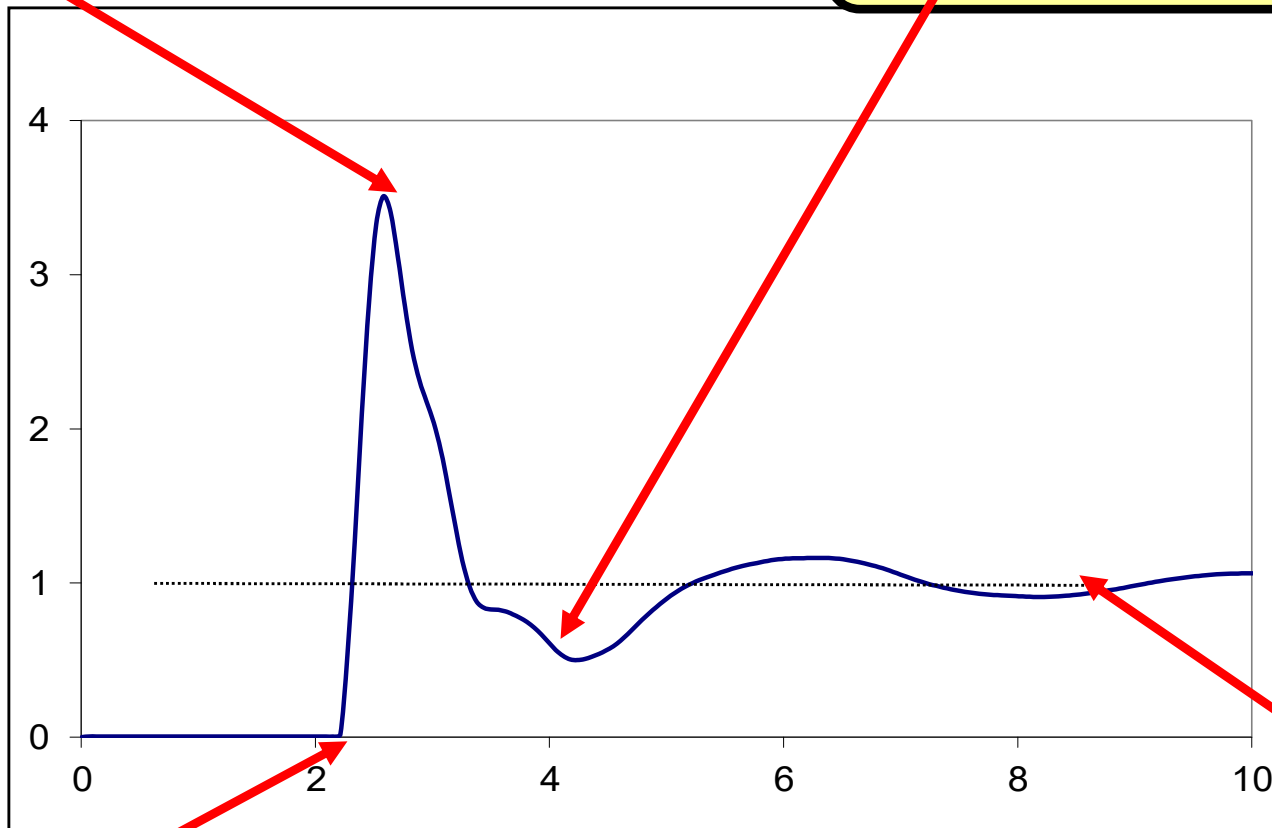


# The radial distribution function: $g(r)$

**1<sup>st</sup> peak in  $g(r)$  gives nearest neighbour distance.**

**First minimum – coordination Numbers.**



**Low  $r$  cutoff (distance of shortest approach)**

**High  $r$  limit tends to 1**