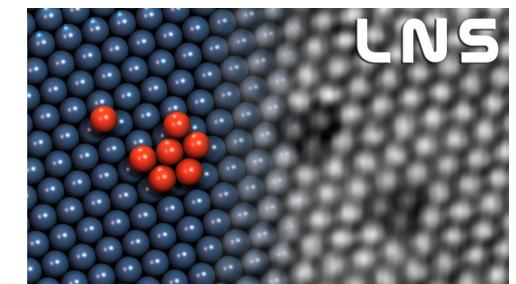


La dynamique du réseau – la notion de phonon

EPFL



k en dehors de la 1^{ère} zone de Brillouin

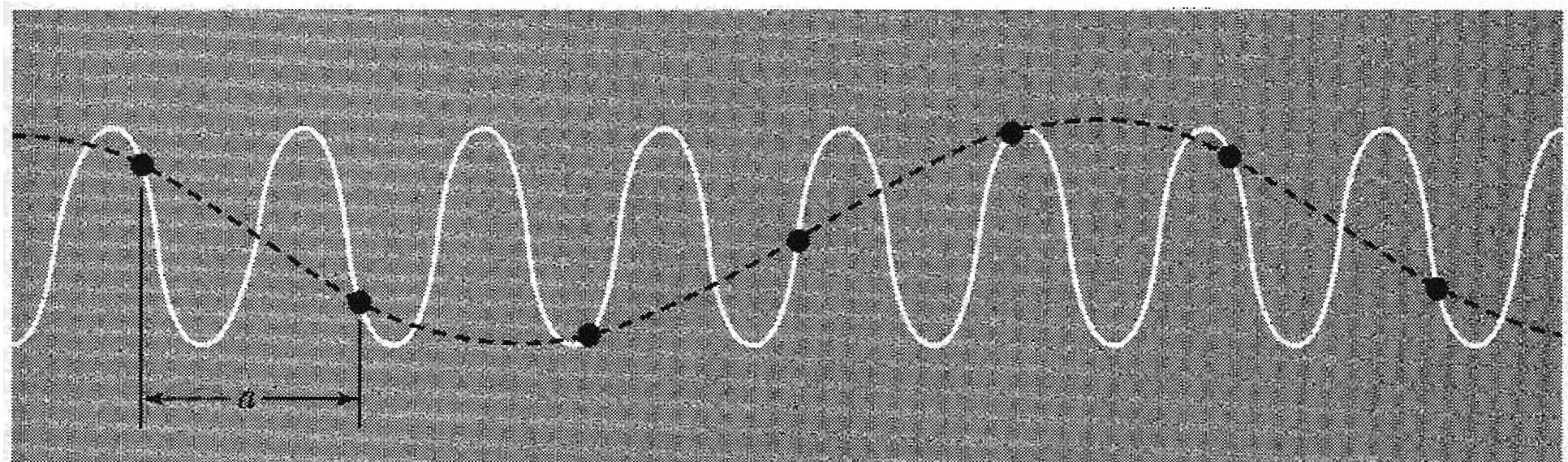
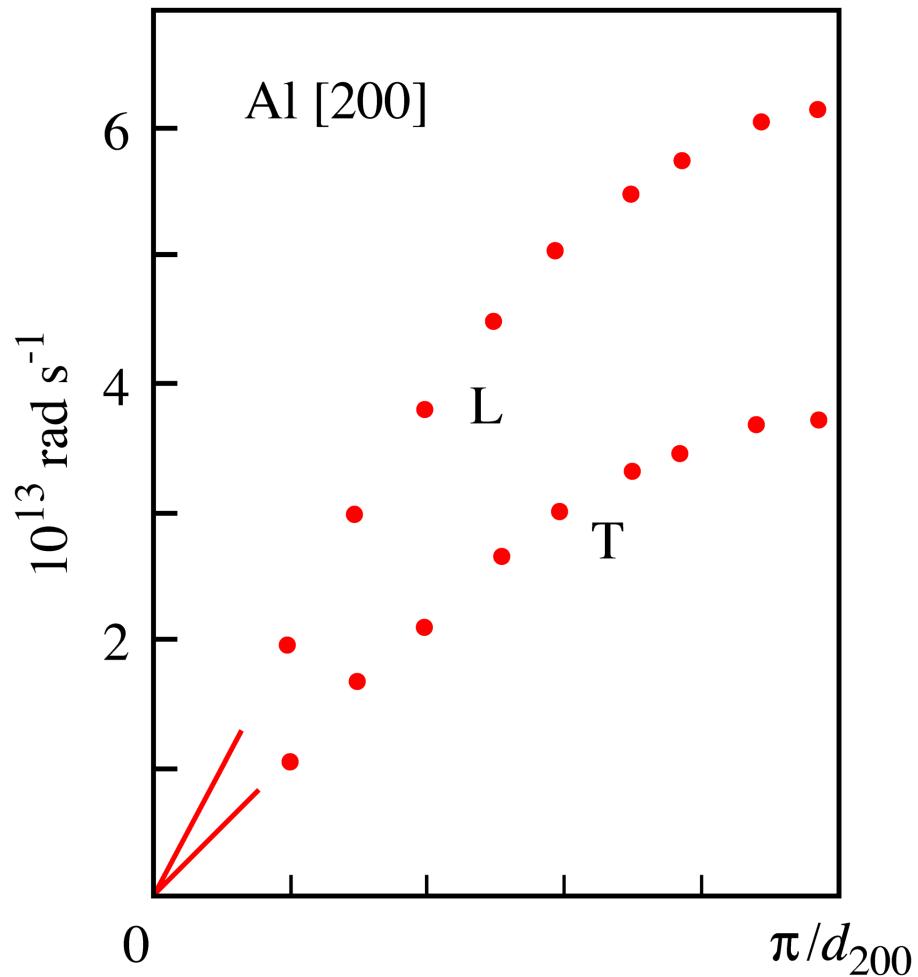
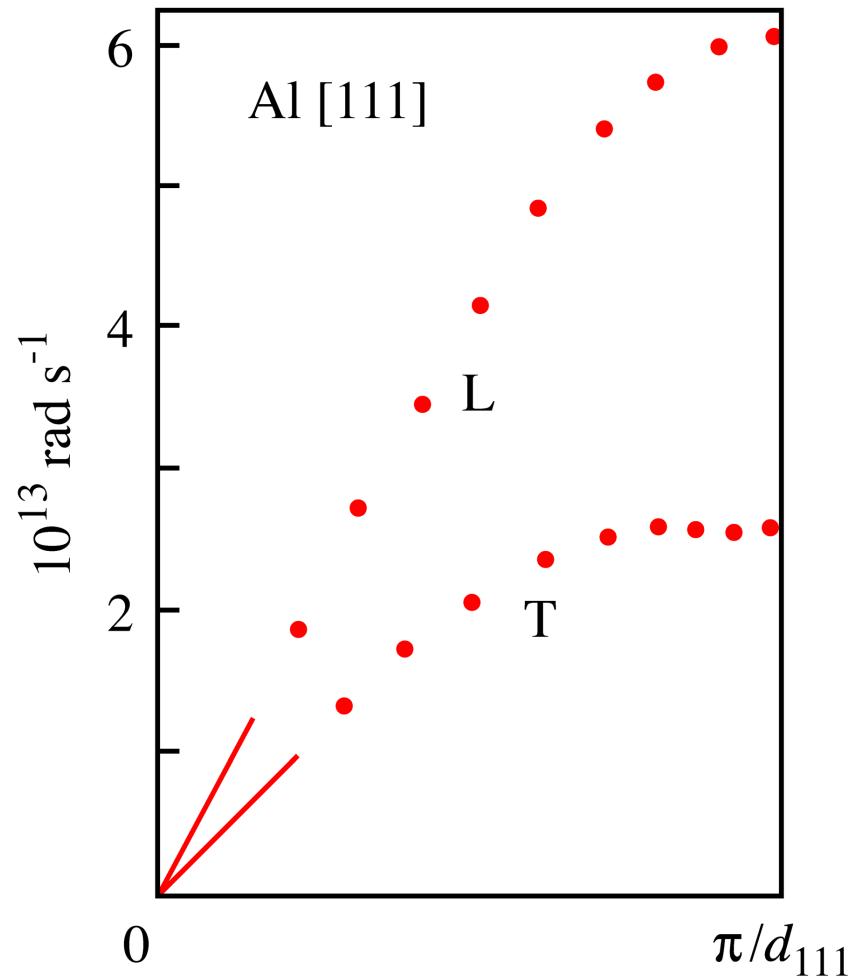
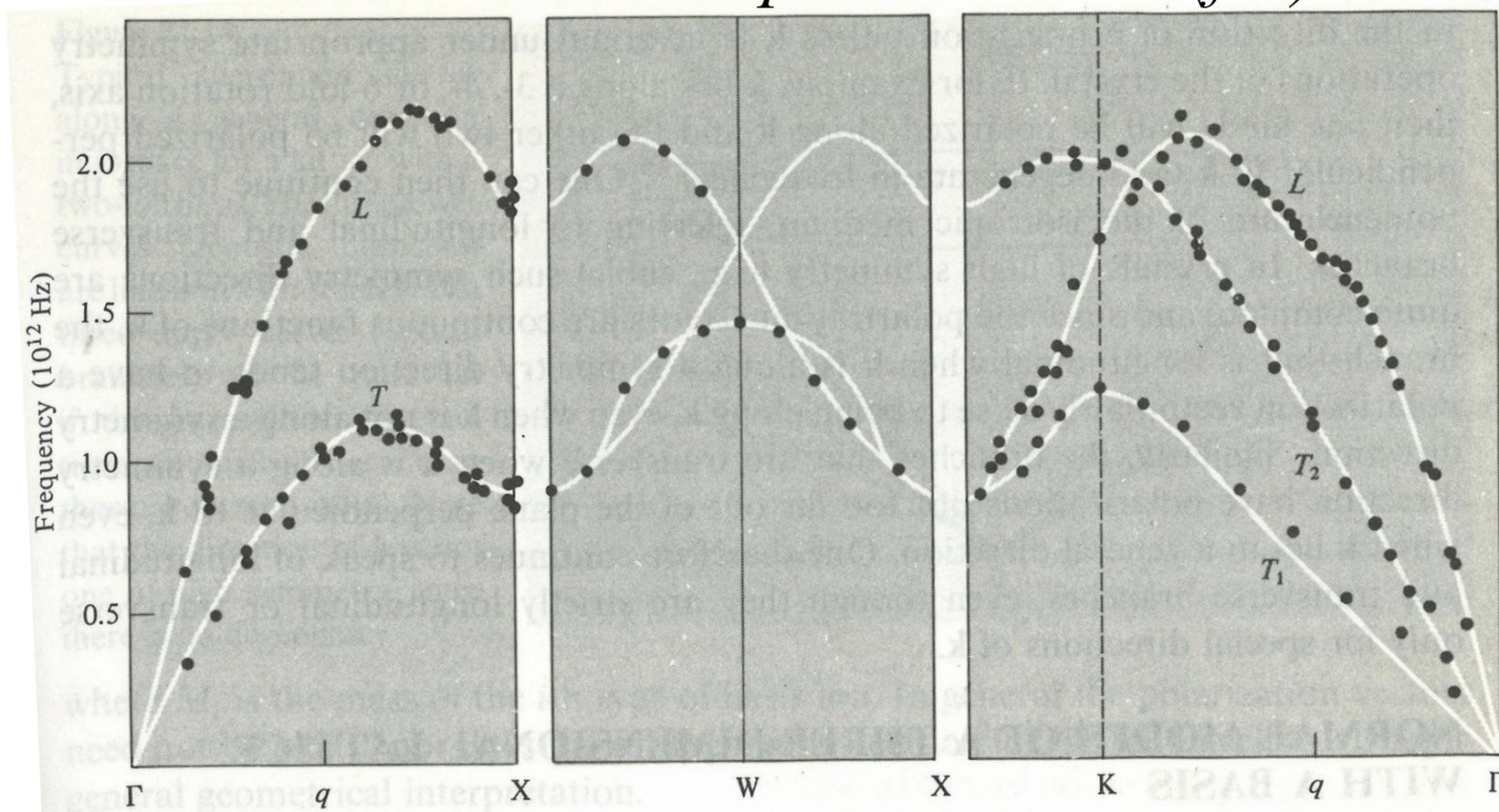


Figure 5 The wave represented by the solid curve conveys no information not given by the dashed curve. Only wavelengths longer than $2a$ are needed to represent the motion.

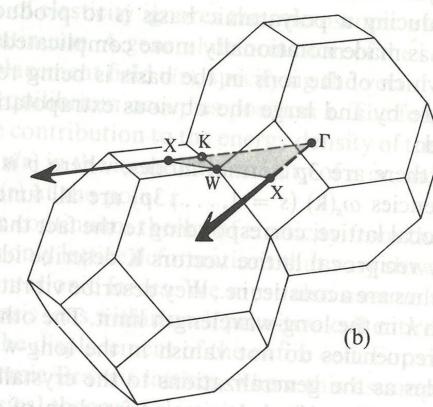
Relations de dispersion de Al (fcc)



Relations de dispersion du Pb (fcc)



(a)



(b)

Relations de dispersion de Si

