

Brillouin zones and their filling with free electrons Fermi spheres

BCC

FCC

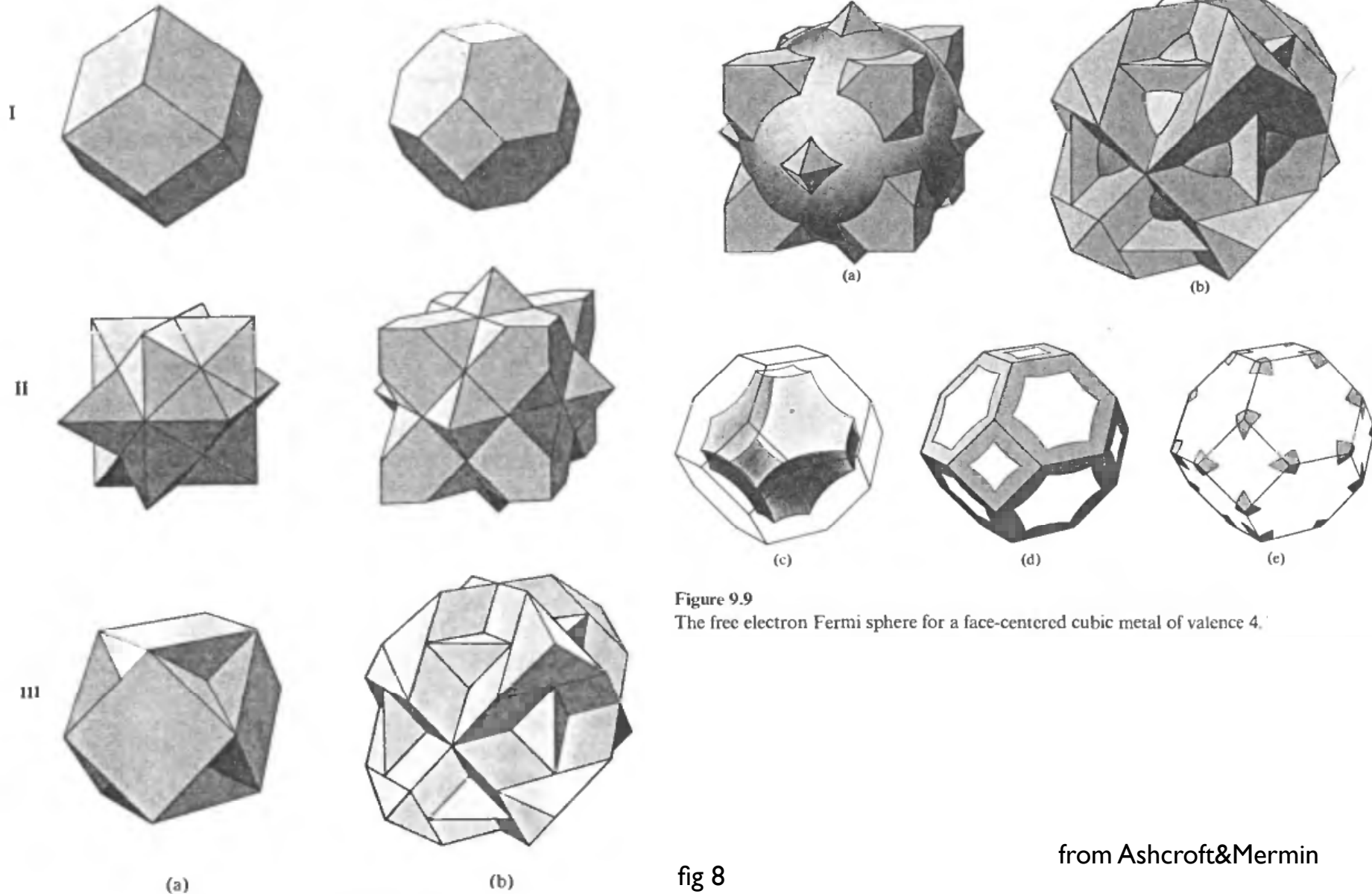


Figure 9.9
The free electron Fermi sphere for a face-centered cubic metal of valence 4.

fig 8

from Ashcroft&Mermin