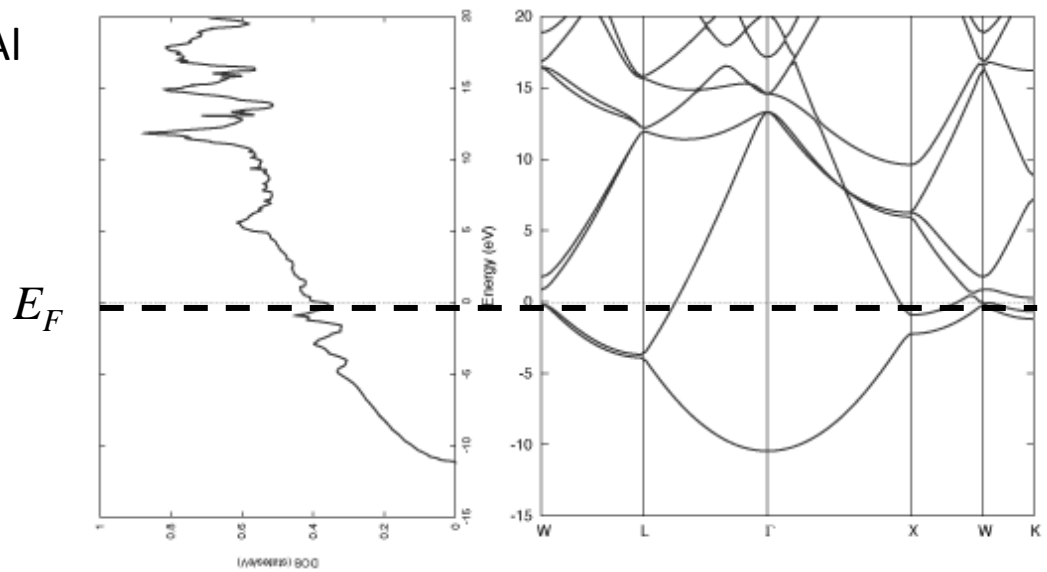


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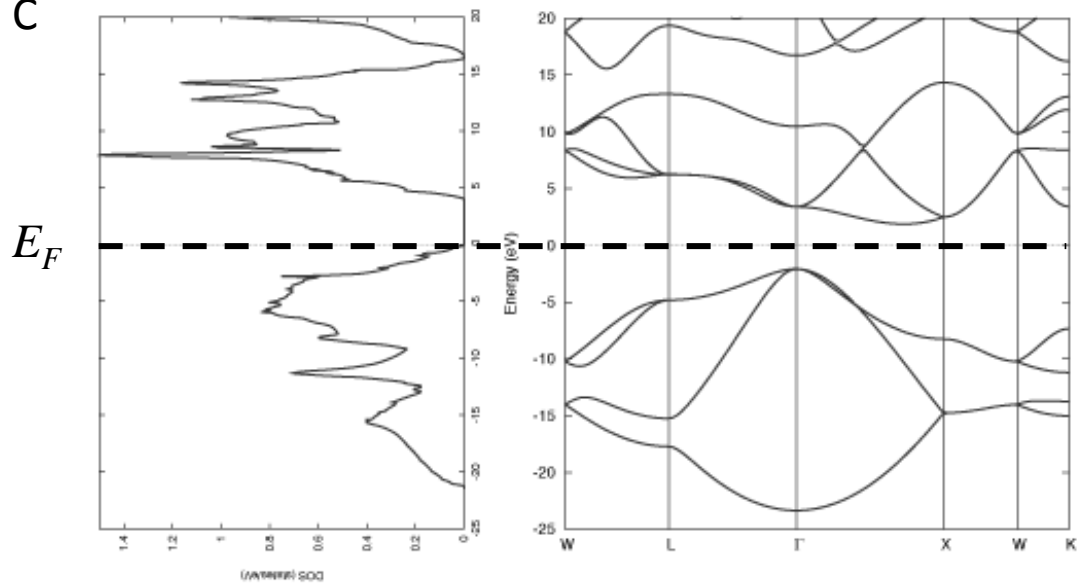
Worksheet 4

For each of the elements below, given the band structure and the density of states, say whether it is a metal or a semiconductor/insulator.

Al

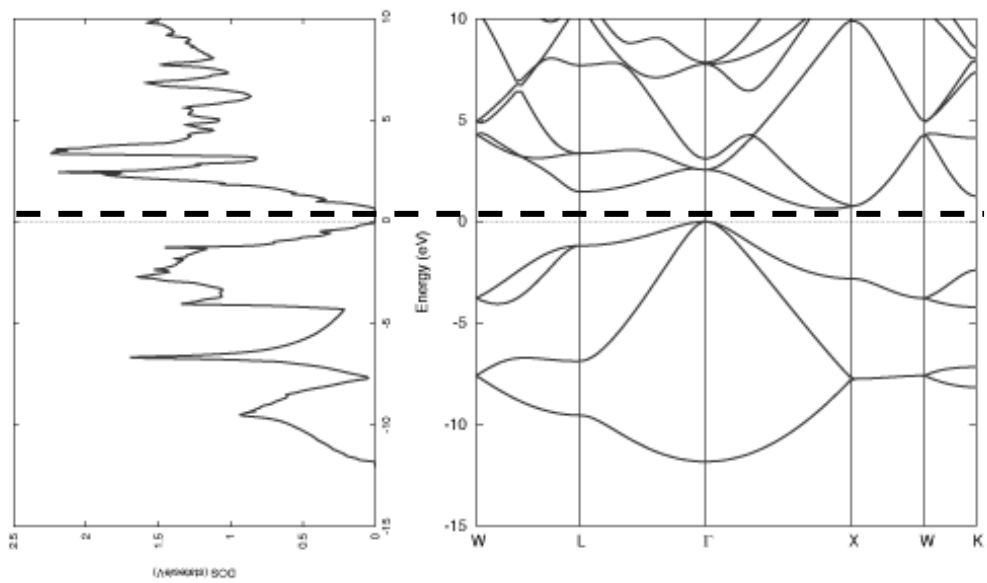


C



Si

E_F



Pb

E_F

