

Answer on Question #51570, Physics, Solid State Physics

Explain with a diagram what type of a bond is formed between Magnesium and Oxygen.

Answer:

Magnesium is in group 2 of the periodic table. A magnesium atom will lose 2 electrons to form a stable 2^+ ion. Oxygen is in group 6 of the periodic table. An oxygen atom will gain 2 electrons to form a stable 2^- ion.

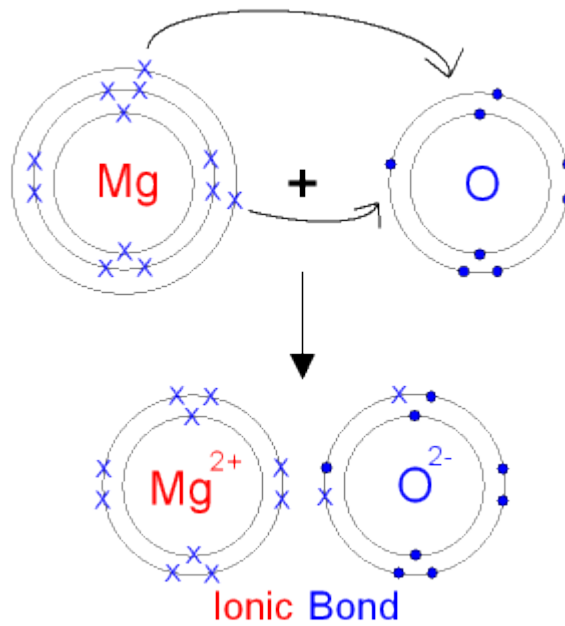


Fig.1