

Summary.

(1) All the carbon compounds are assumed to be formed by co-ordinating ions and molecules around quadrivalent carbon cations.

(2) According to the number and nature of ligands, there are at least six types of bonds in carbon compounds: viz., the tetrahedral, the trigonal, the aromatic, the digonal, the 'double', and the 'triple' bond.

(3) The nature of these valence bonds in carbon compounds have been dealt with from a quantum mechanical point of view.

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