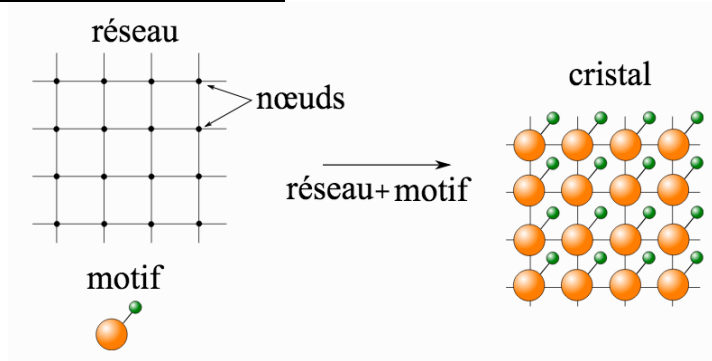
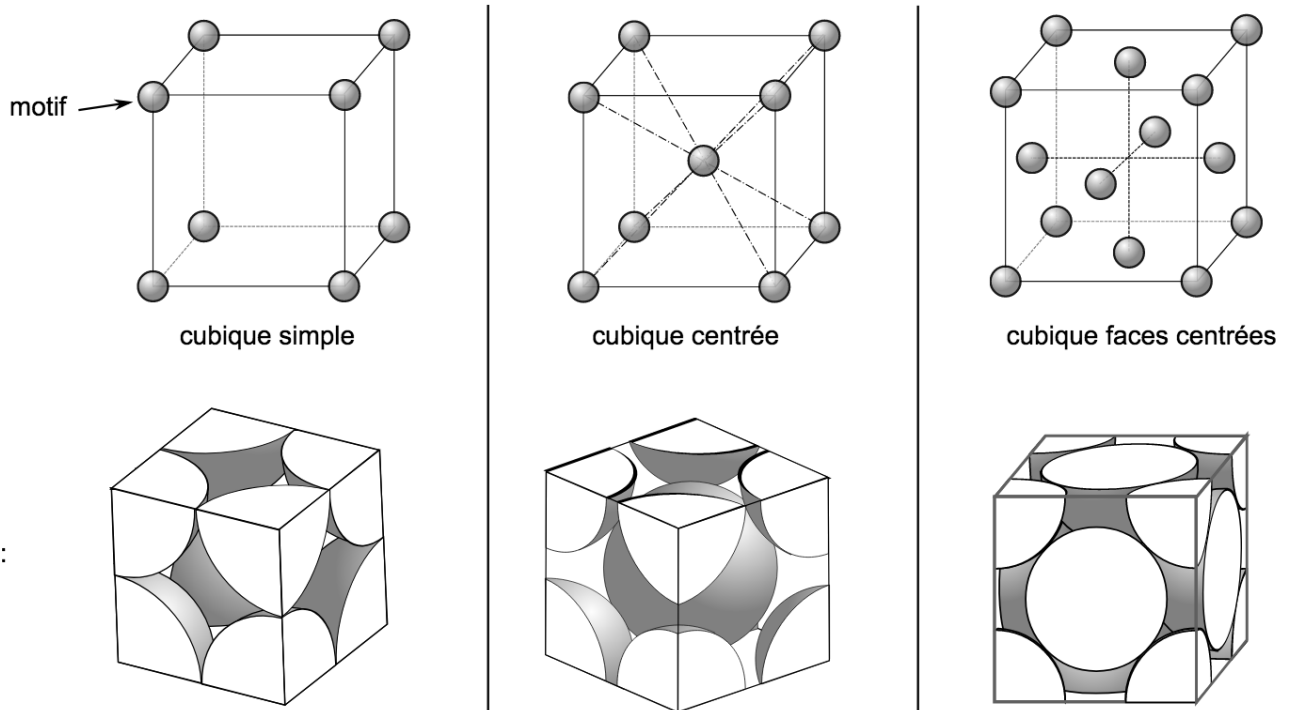


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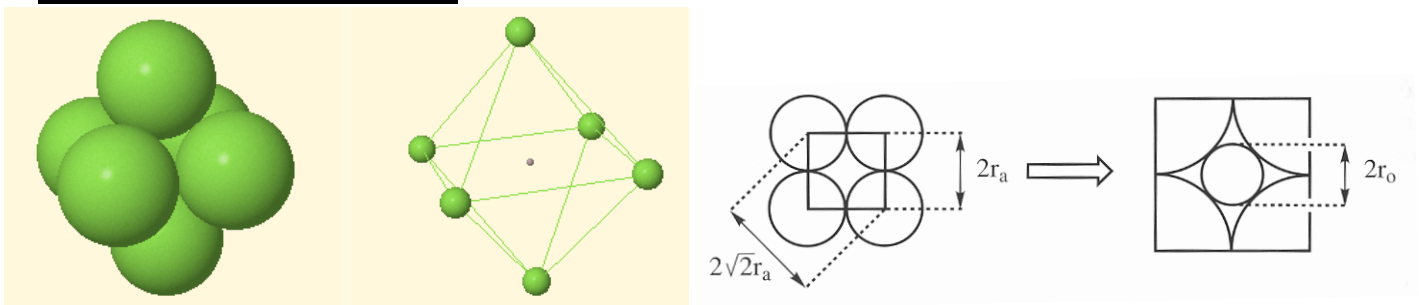
Document 1 : réseau à deux dimensions



Document 2 Trois exemples de mailles à connaître



Document 3 : site octaédrique

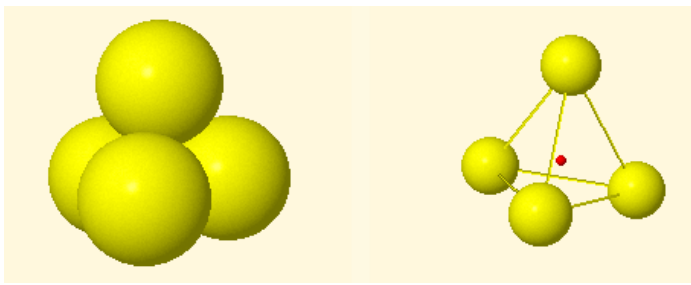


Visualisation d'un site octaédrique

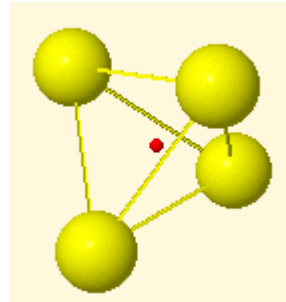
détermination du rayon du site

SOLIDES CRISTALLINS

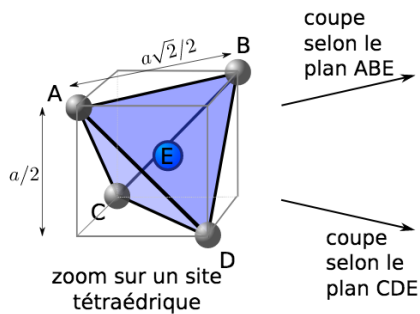
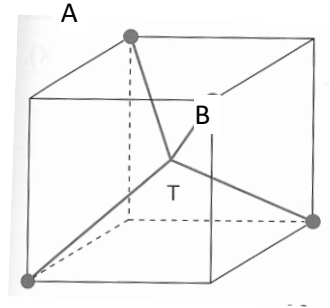
Document 4 : site tétraédrique



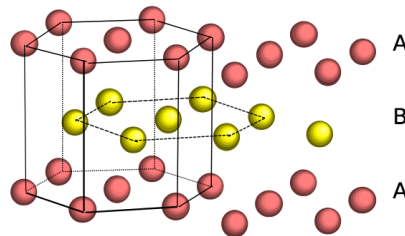
Visualisation d'un site tétraédrique



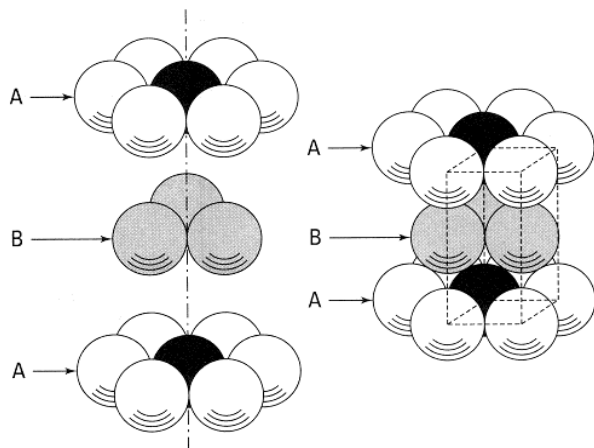
détermination du rayon du site



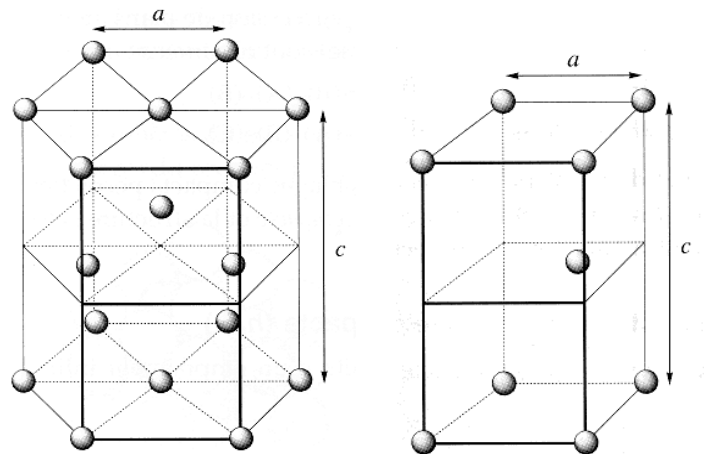
Document 5 : empilement ABAB... : structure hexagonale compacte (HC)



Empilement AB, qui donne lieu à un réseau hexagonal.

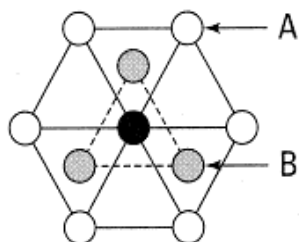


(5.1.) Visualisation de la maille hexagonale compacte



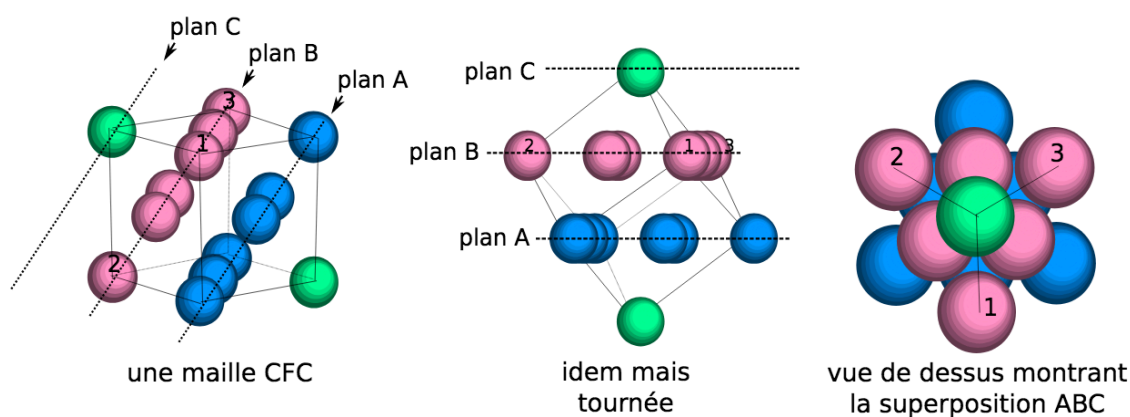
(5.2.) La maille

SOLIDES CRISTALLINS

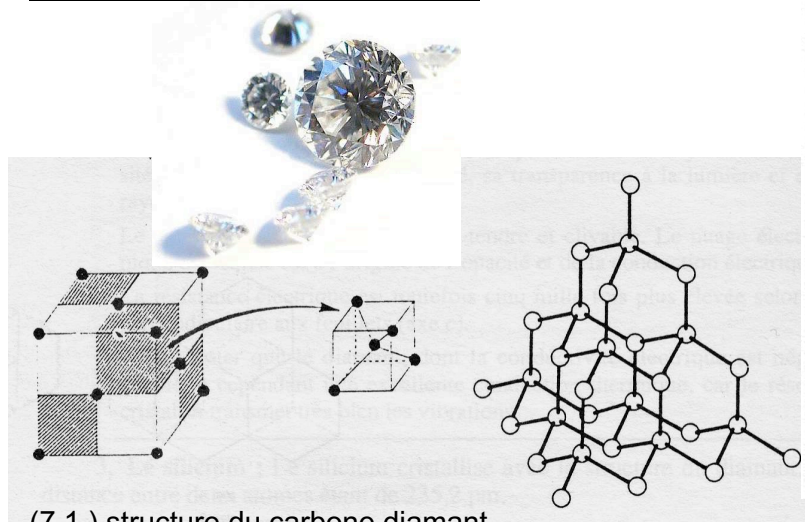


(5.3.) Projection de la structure

Document 6 : empilement ABCABC... : structure cubique à faces centrées (CFC)



Document 7 : cristaux covalents

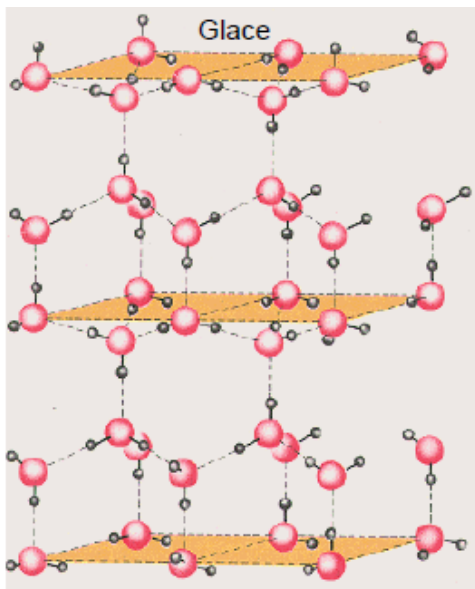


(7.1.) structure du carbone diamant
graphite

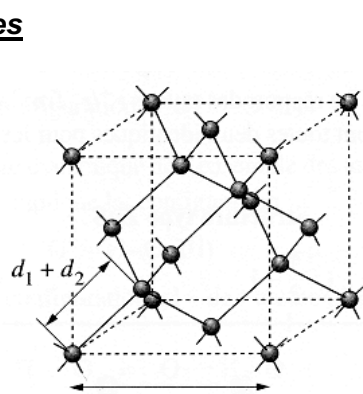
(7.2.) structure du carbone

SOLIDES CRISTALLINS

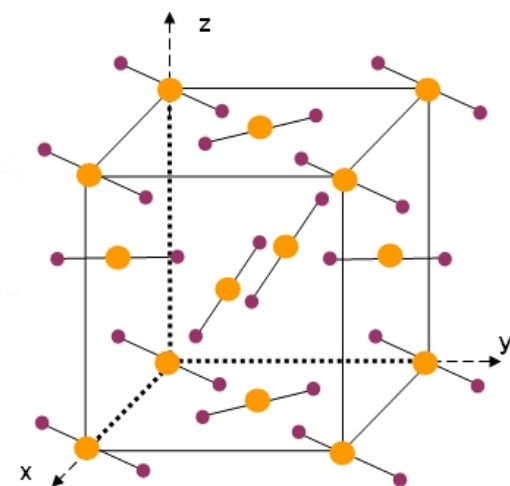
Document 8 : cristaux moléculaires



(8.1.) glace type diamant



(8.2.) position des atomes d'oxygène dans la glace



(8.3.) carboglacé (dioxyde de carbone)

Document 9 : cristaux ioniques : cristal type NaCl

