

Ecole Nationale Supérieure d'Architecture de Saint-Etienne

Cristaux & Architecture

ANNEXES

Tome 2

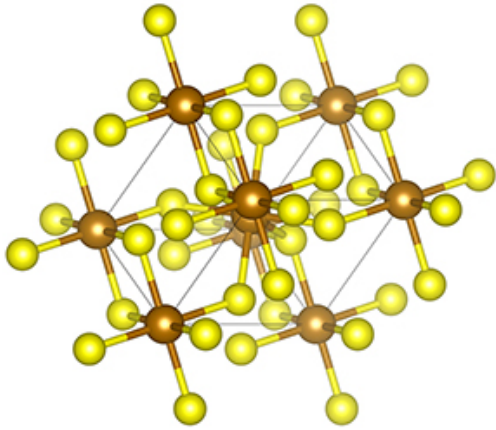
Nathanaël Hervouet

Directeur de mémoire : Luc Pecquet

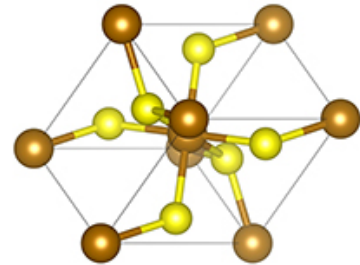
Mémoire de fin d'études - S9 - 2014

D3 - Forme, Architecture, Milieux

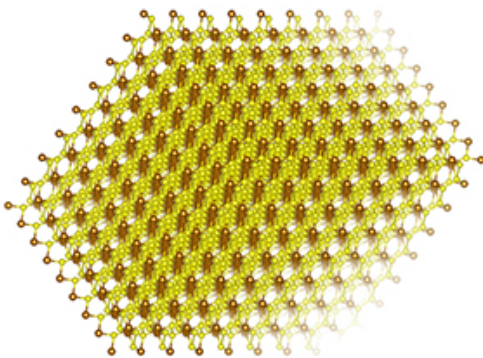
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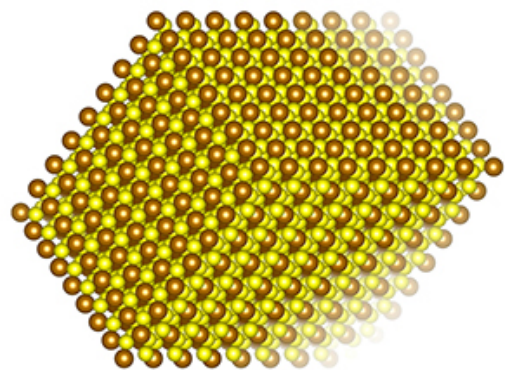
3D-Ball&Stick-Large.jpg



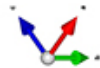
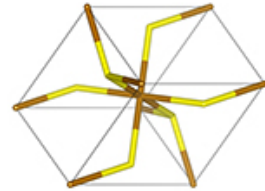
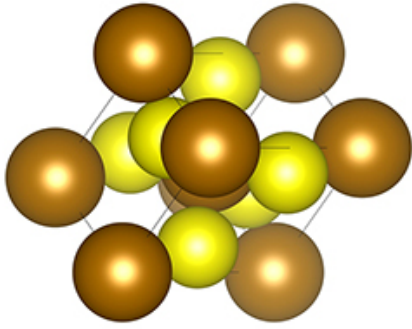
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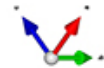
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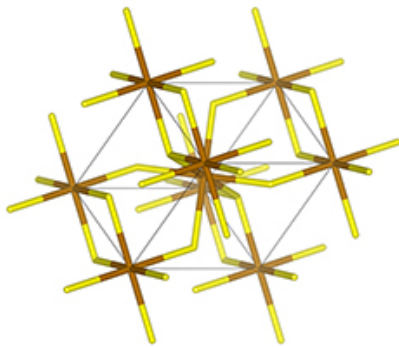
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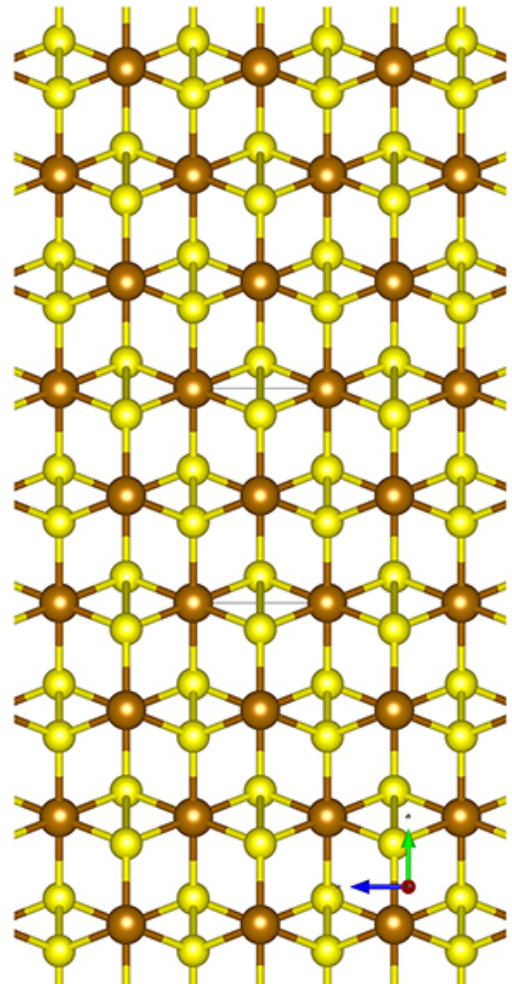
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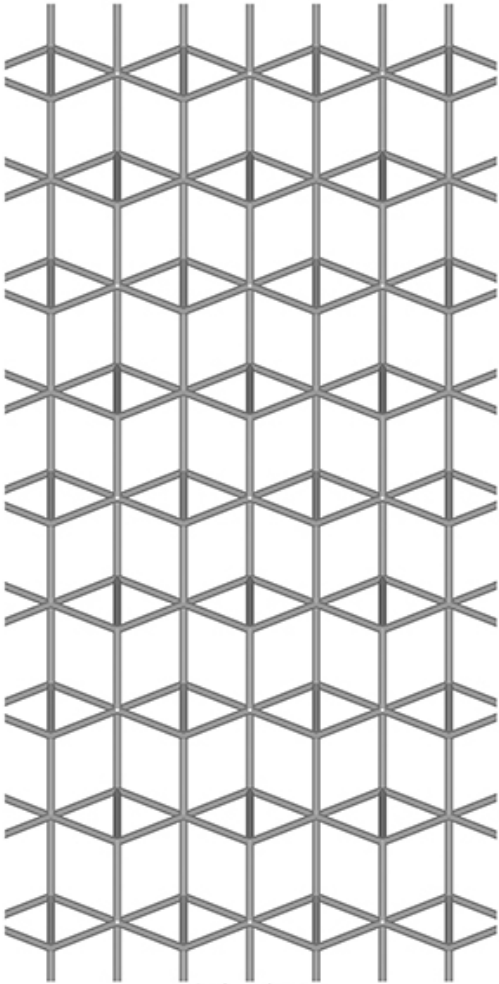
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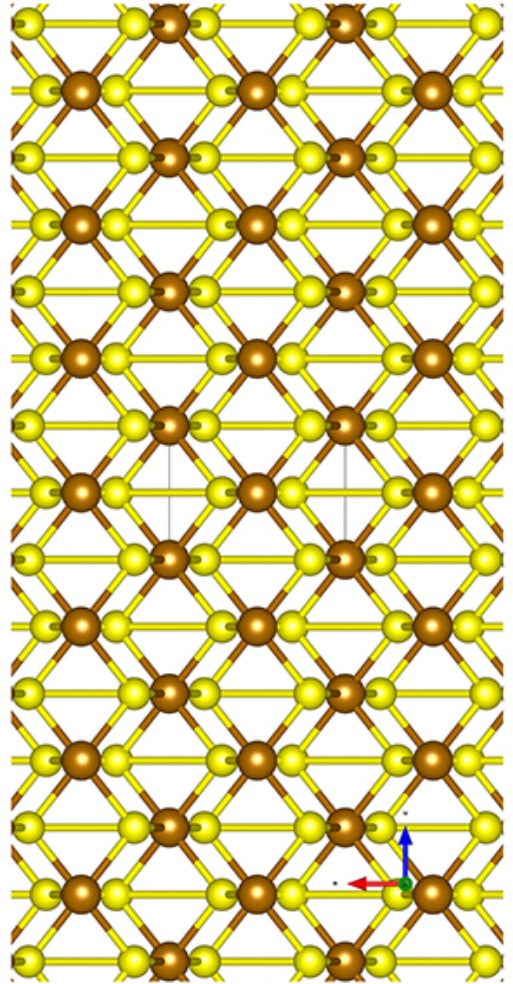
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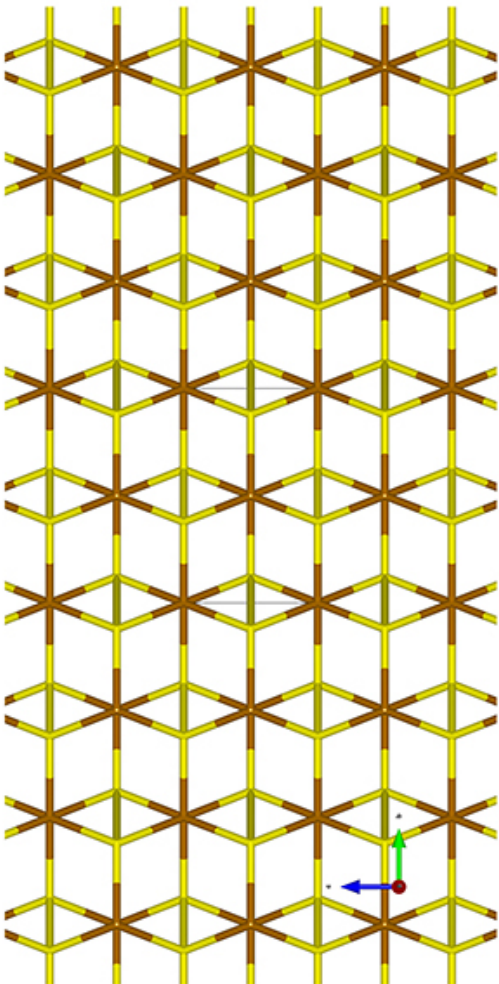
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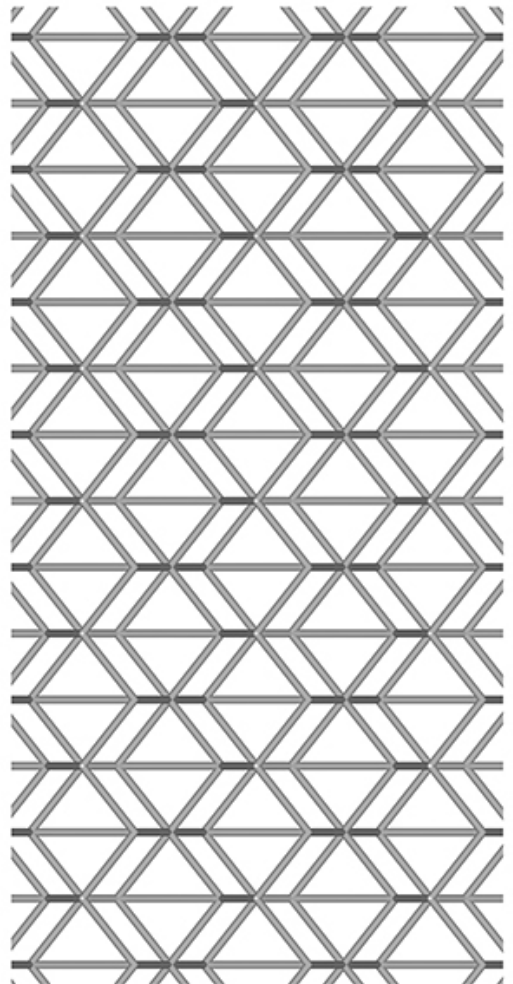
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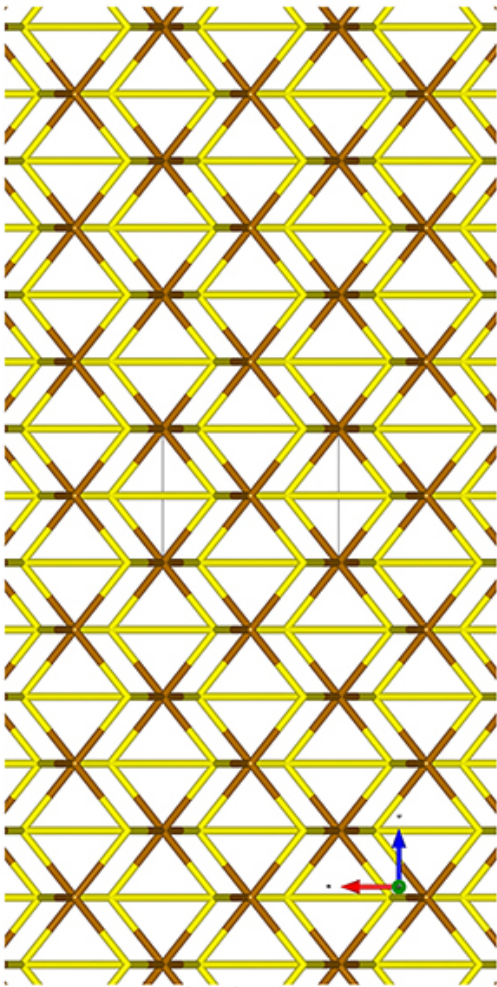
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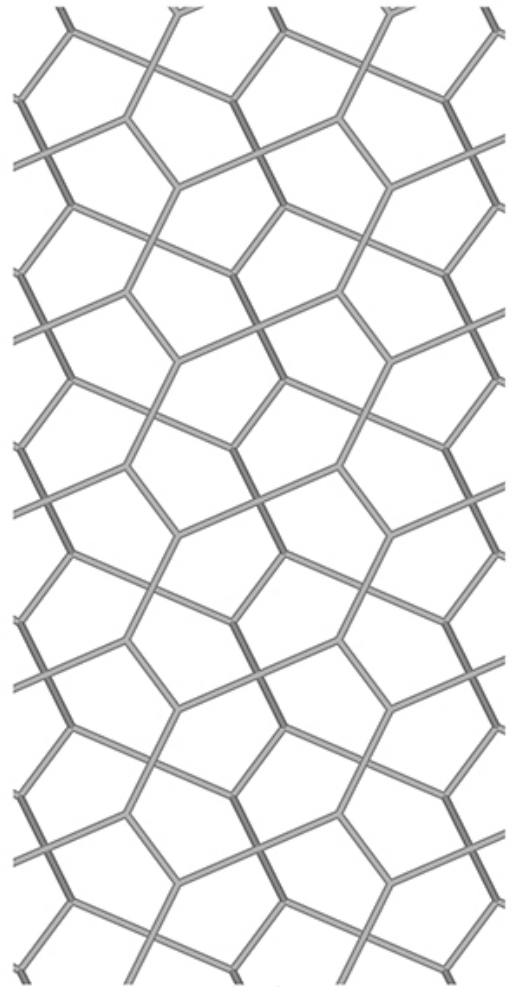
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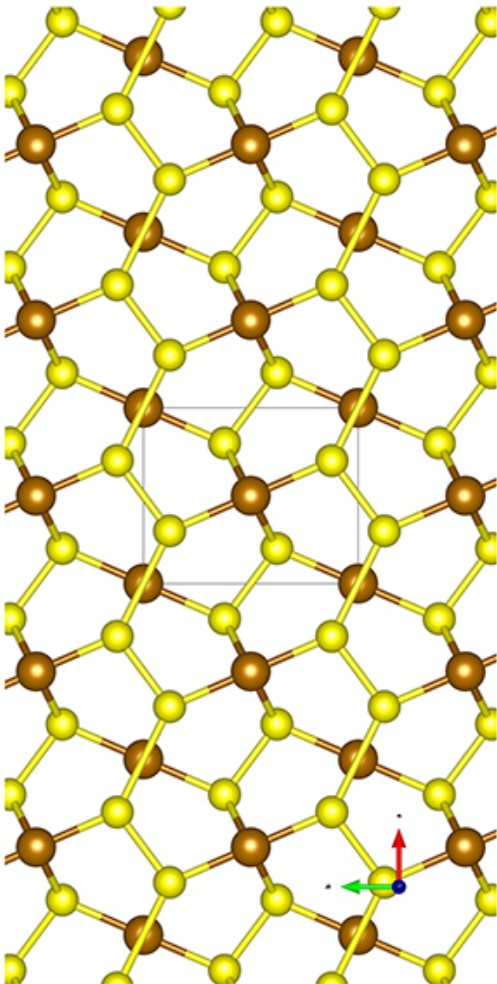
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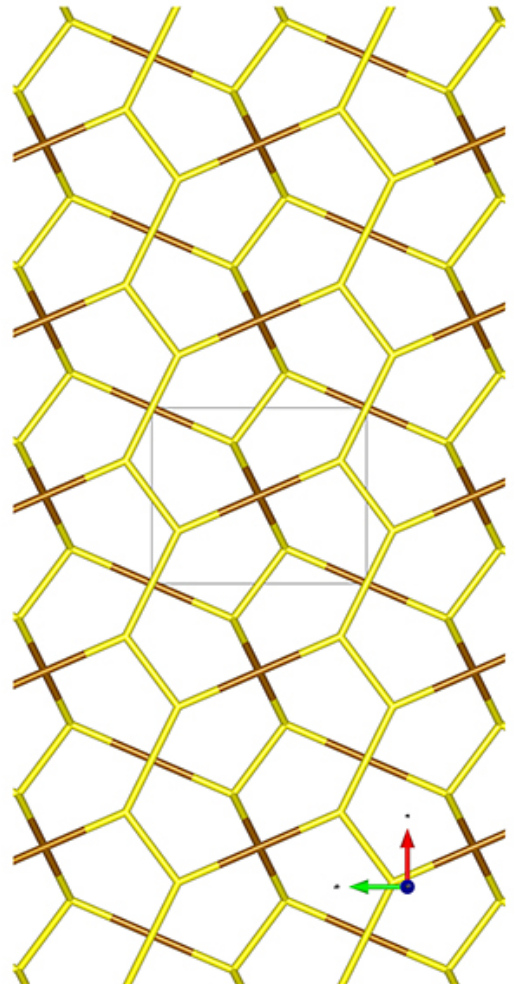
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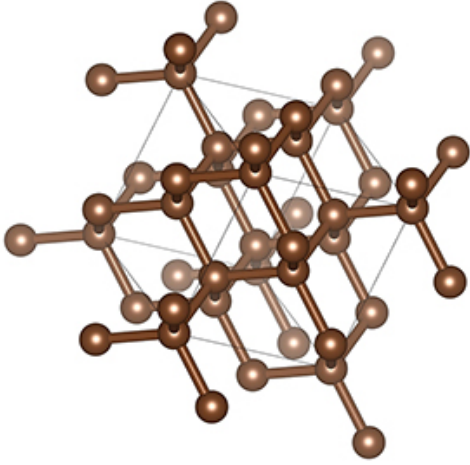


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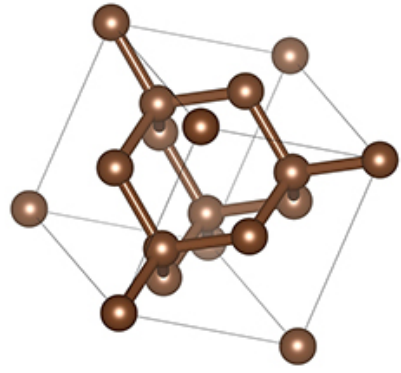


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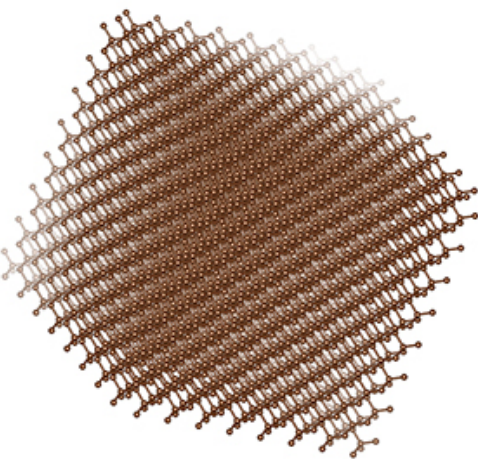
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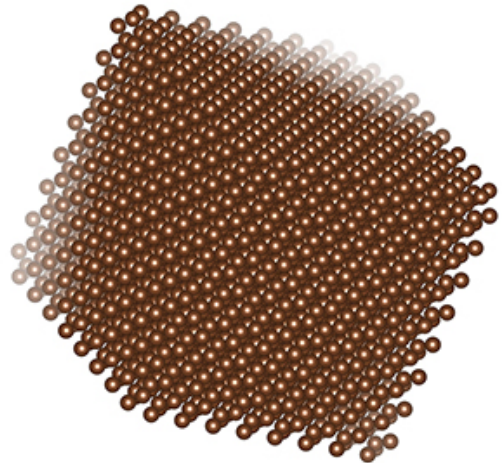
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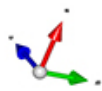
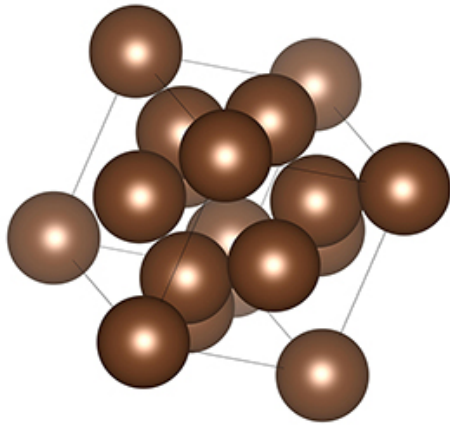
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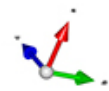
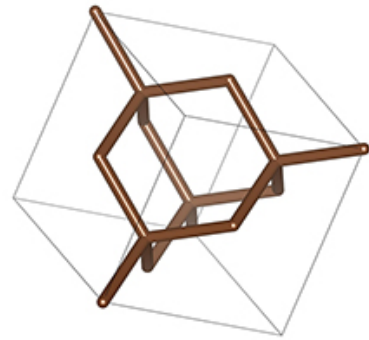
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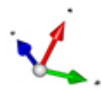
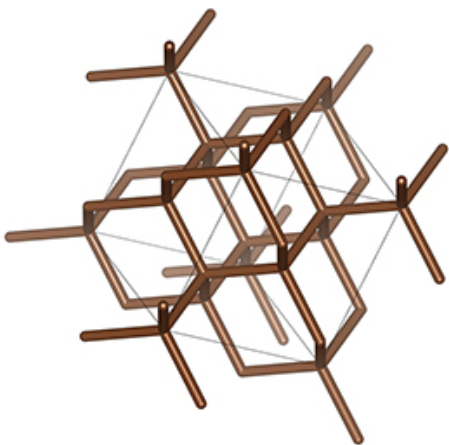
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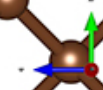
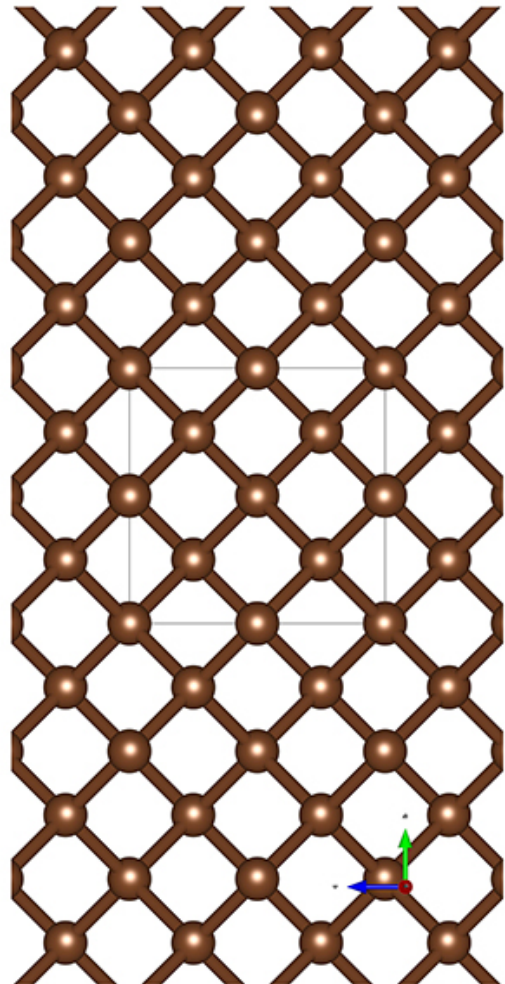
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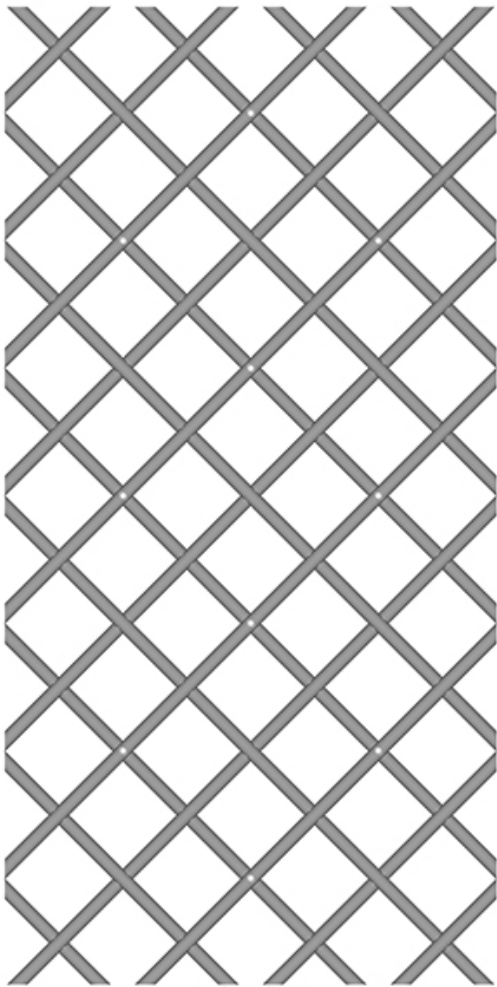
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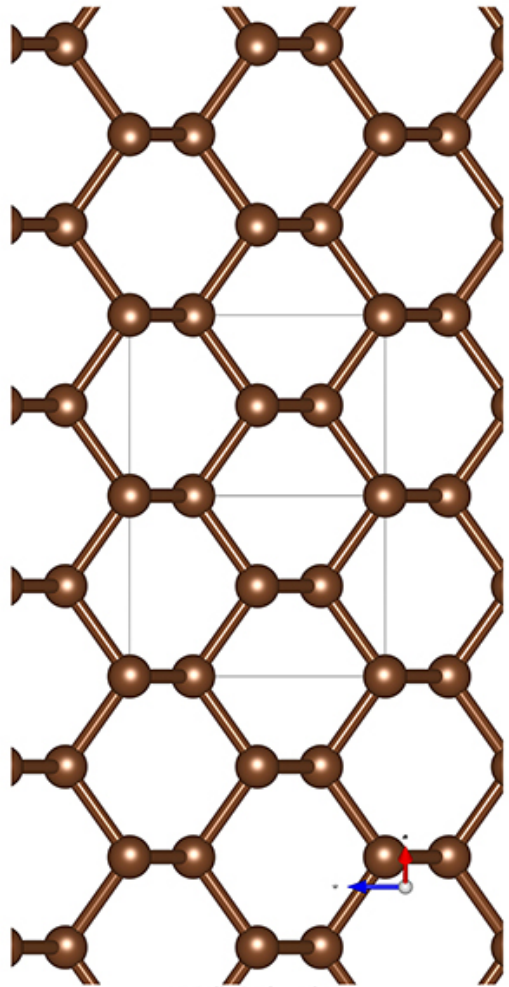
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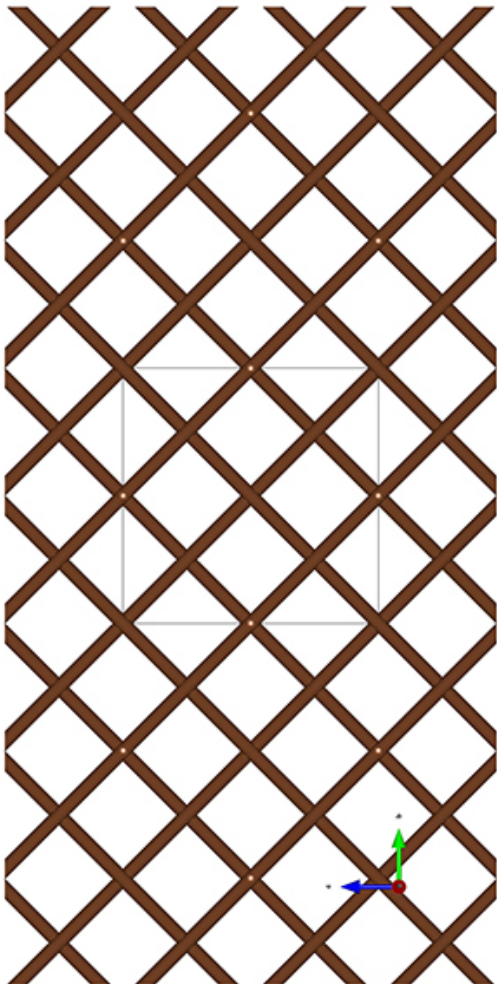
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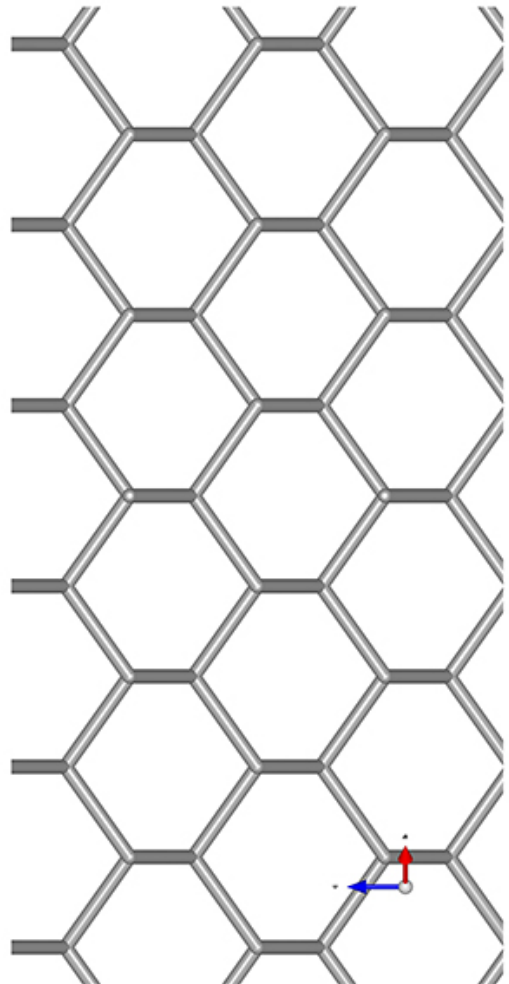
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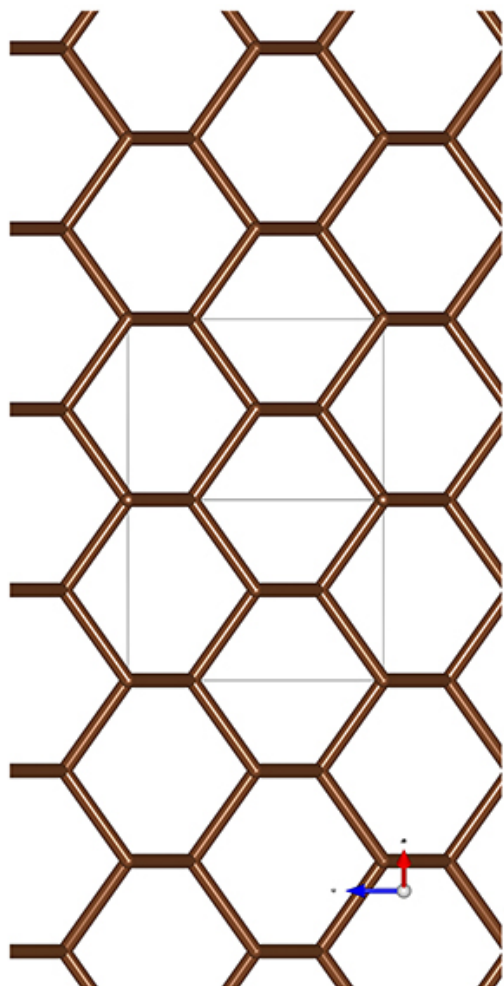
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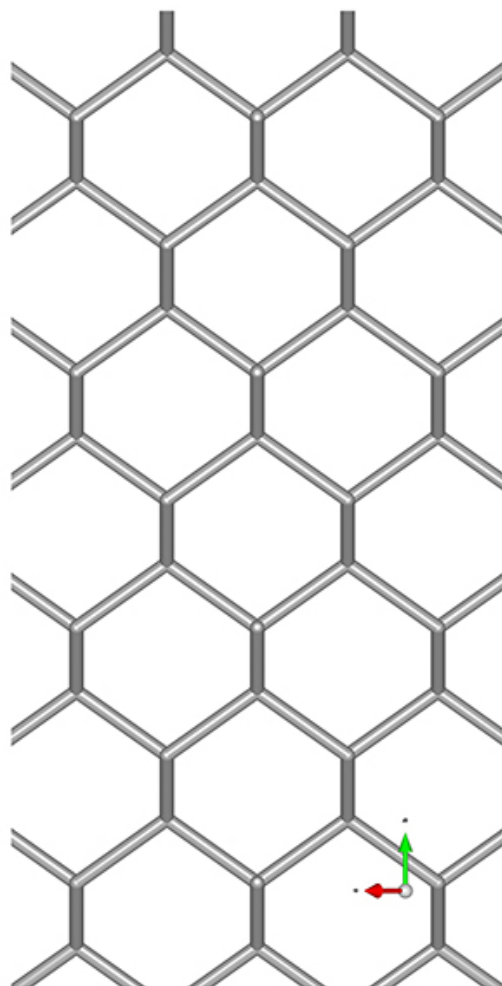
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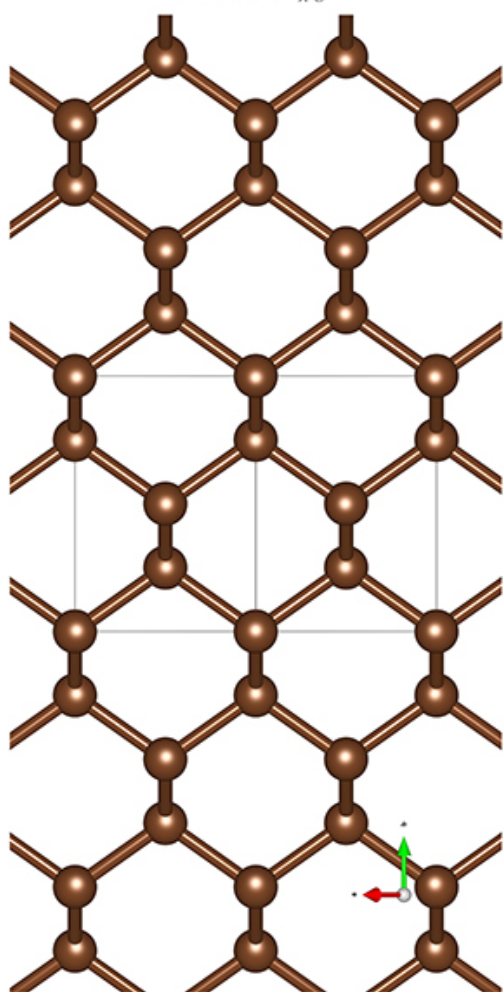
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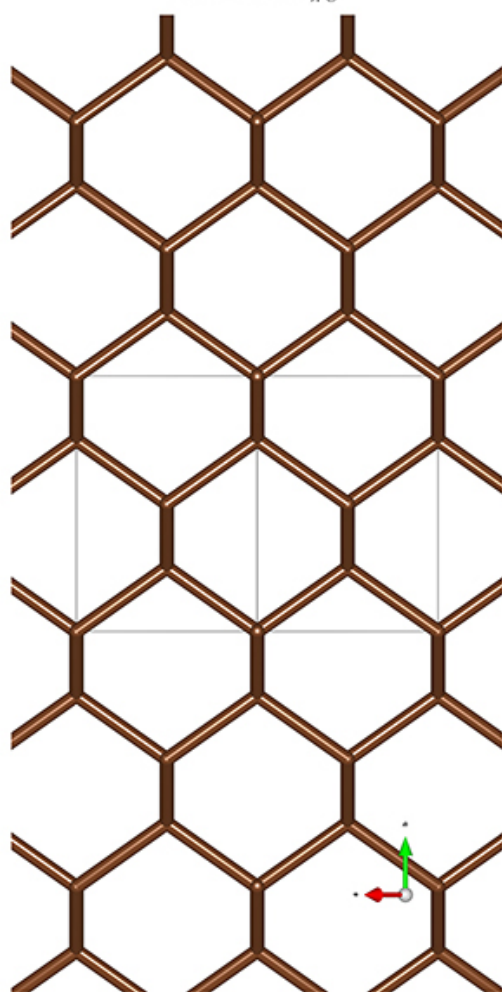
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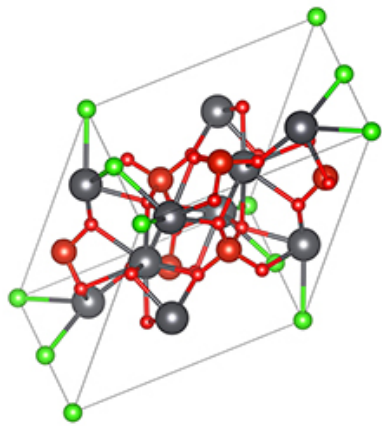


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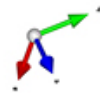
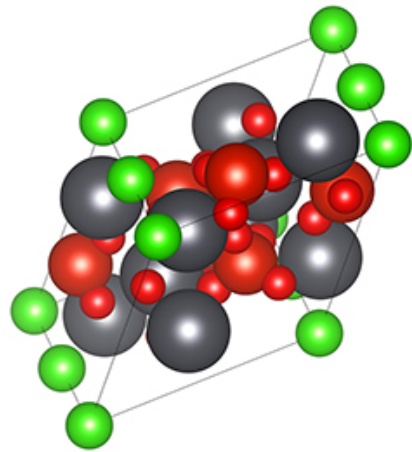


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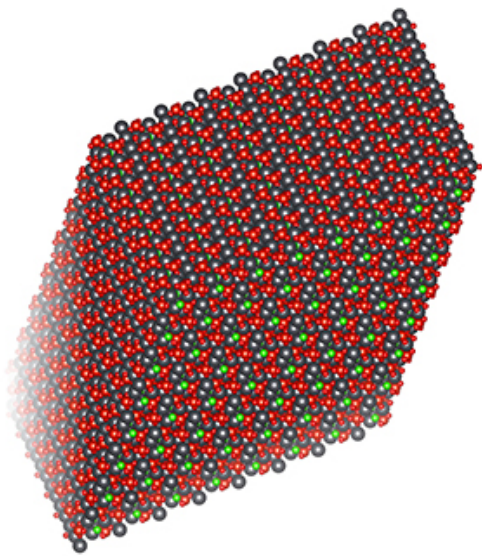
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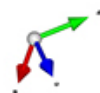
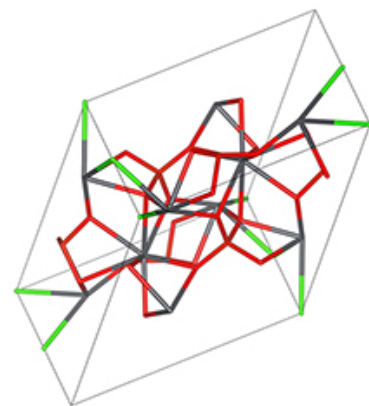
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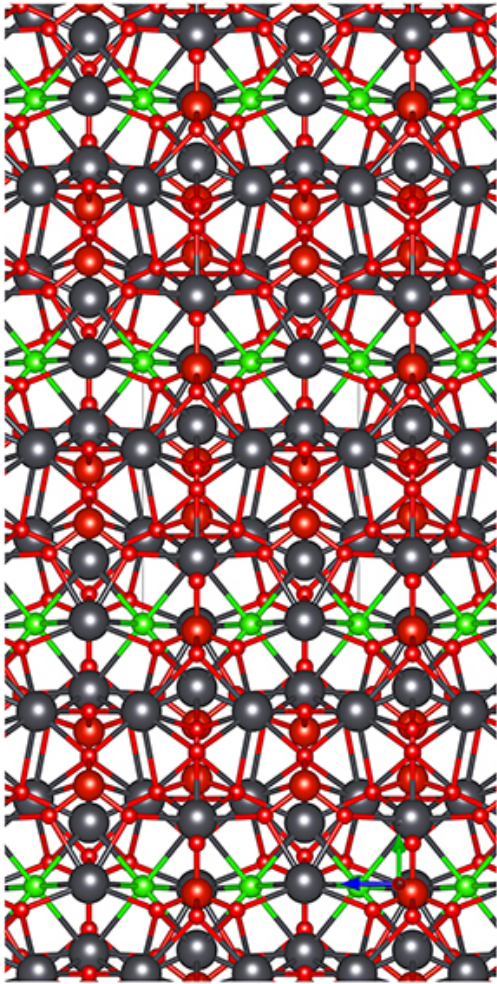
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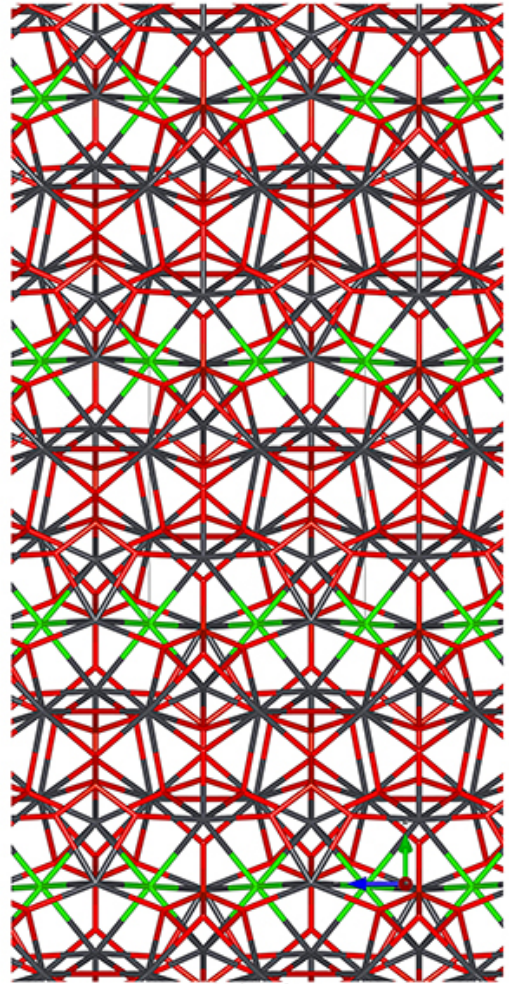
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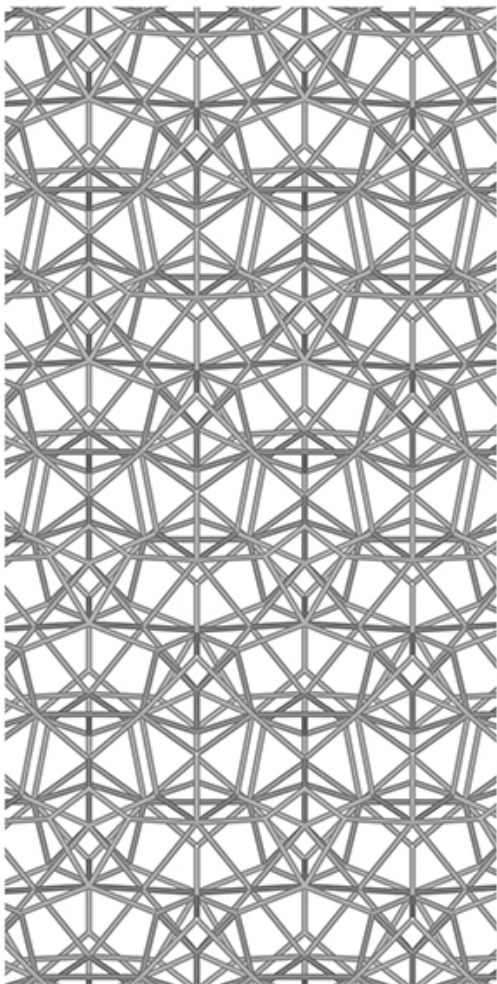
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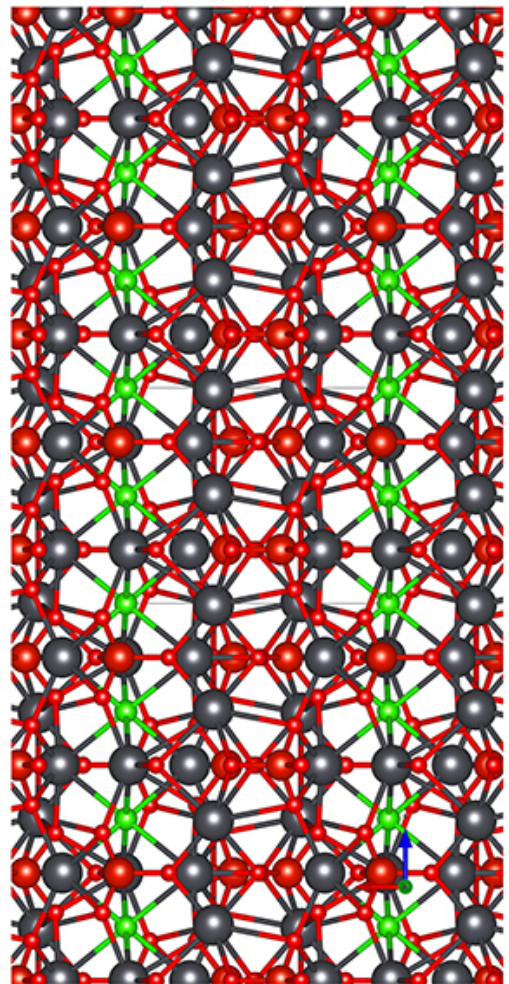
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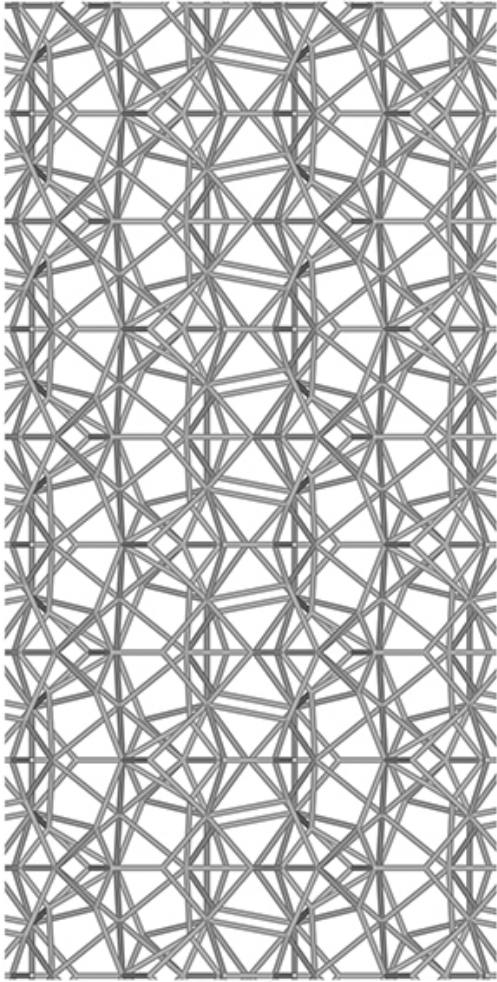
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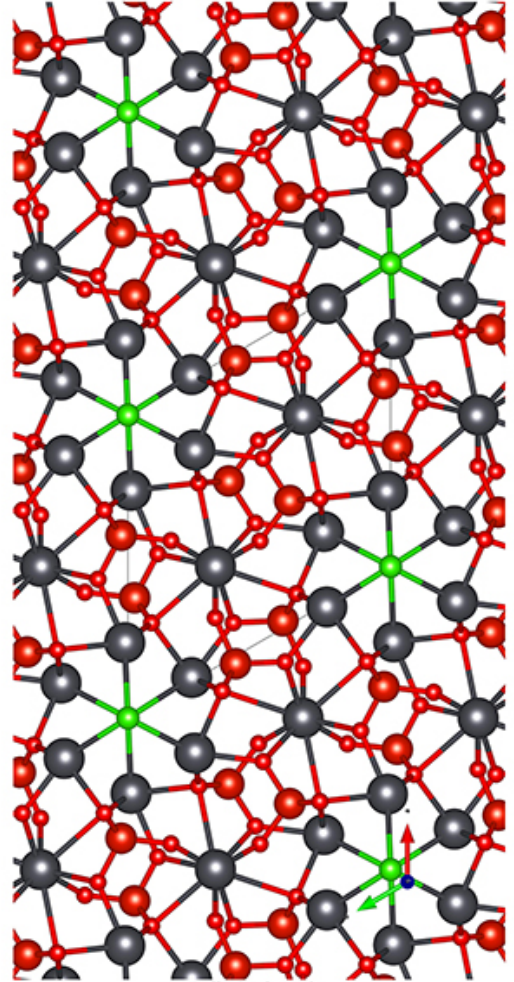
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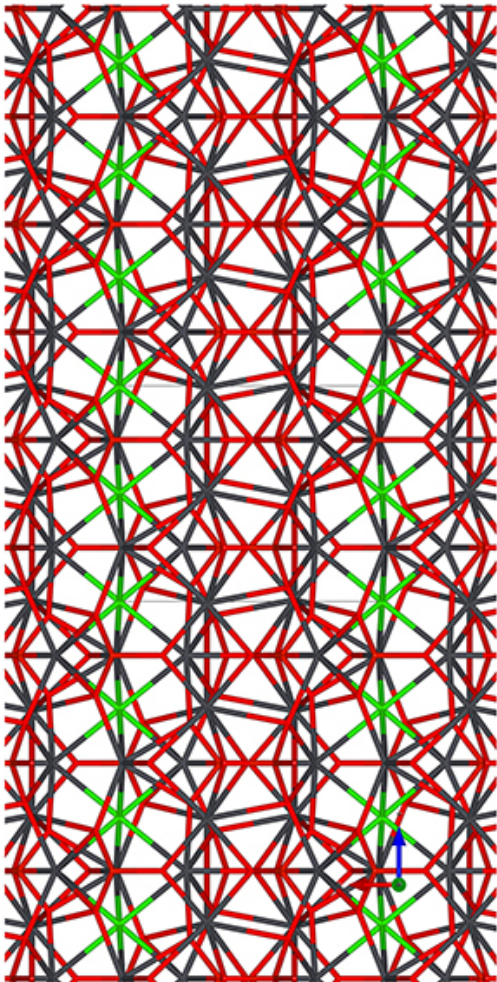
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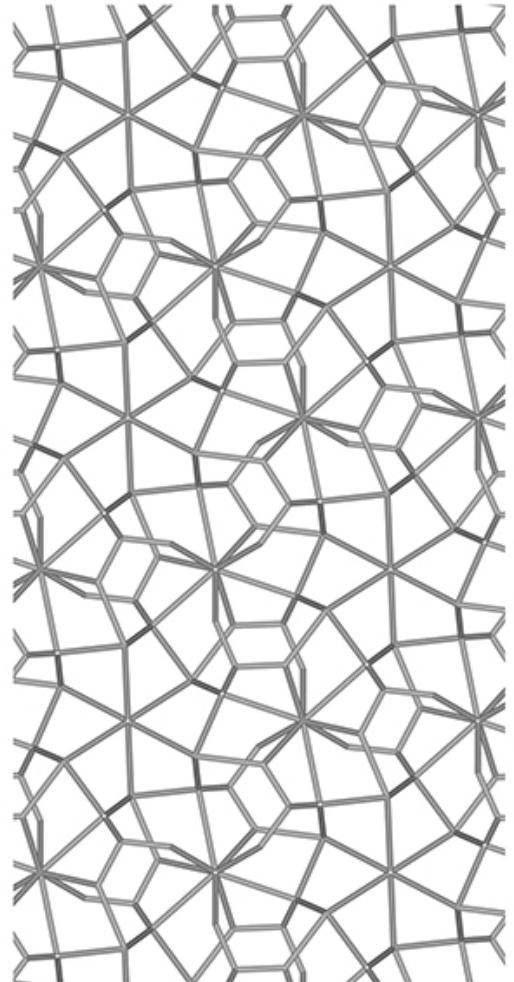
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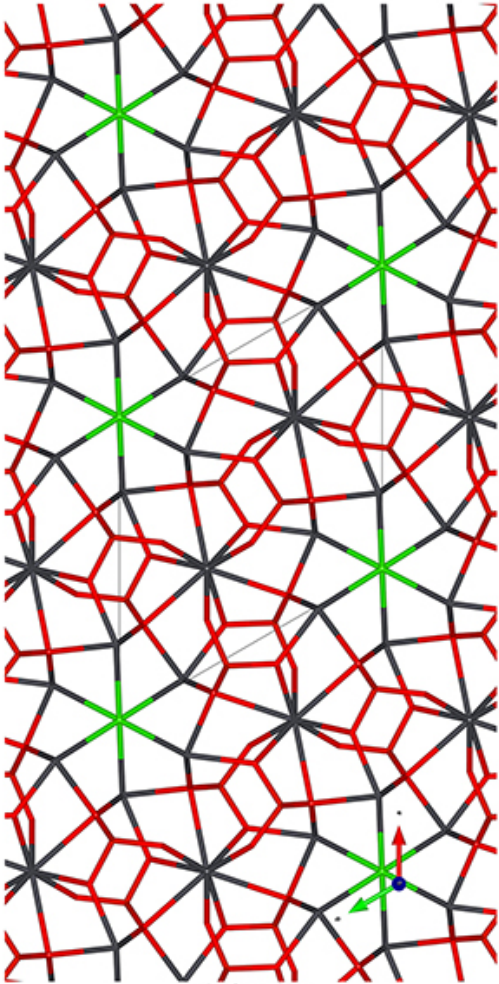
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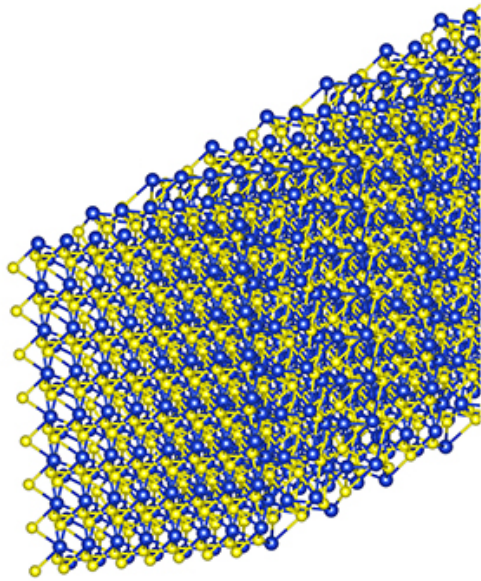


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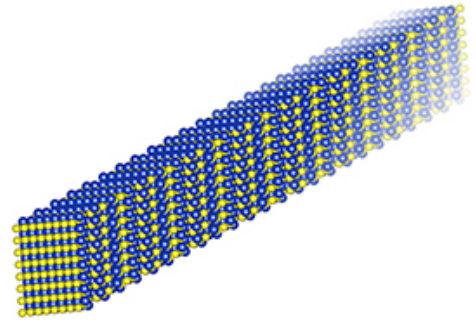


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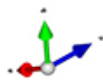
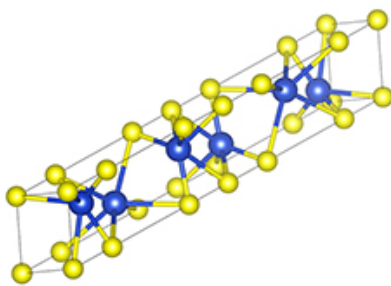
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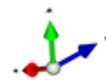
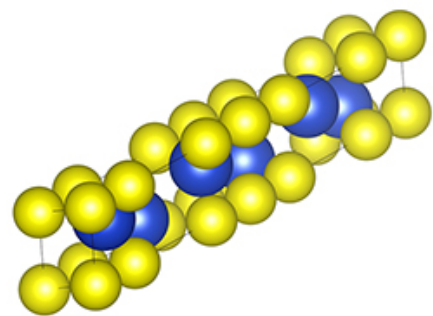
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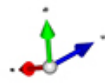
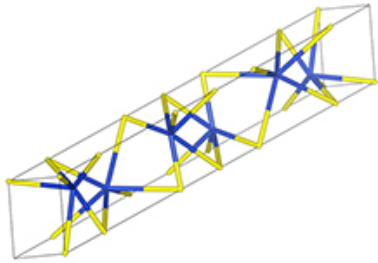
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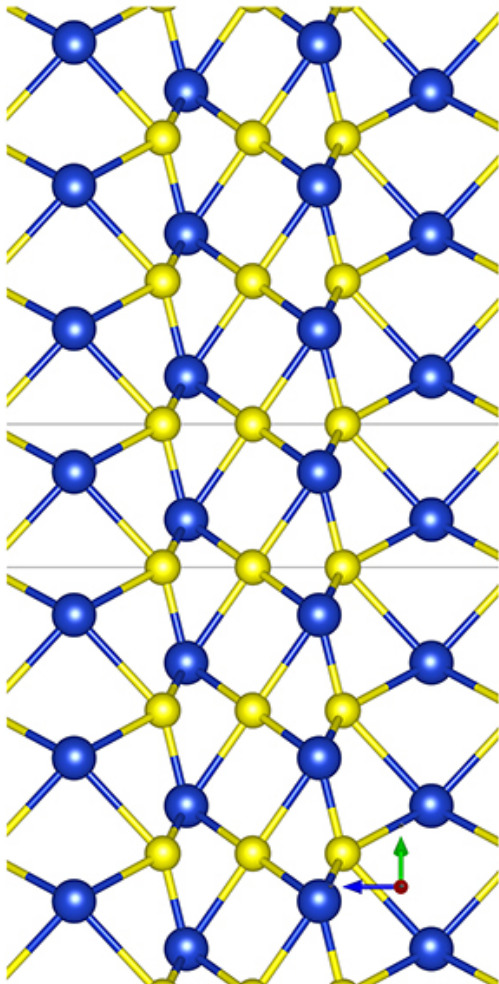
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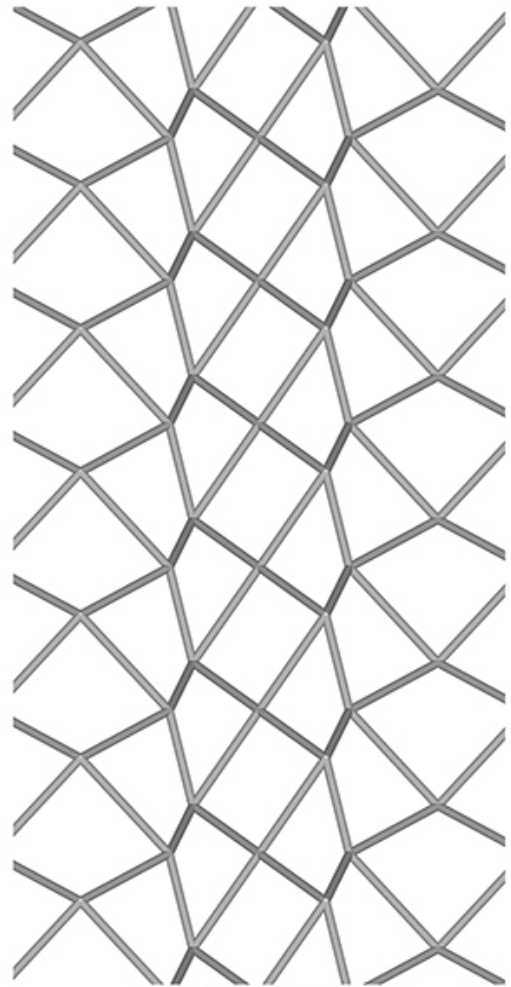
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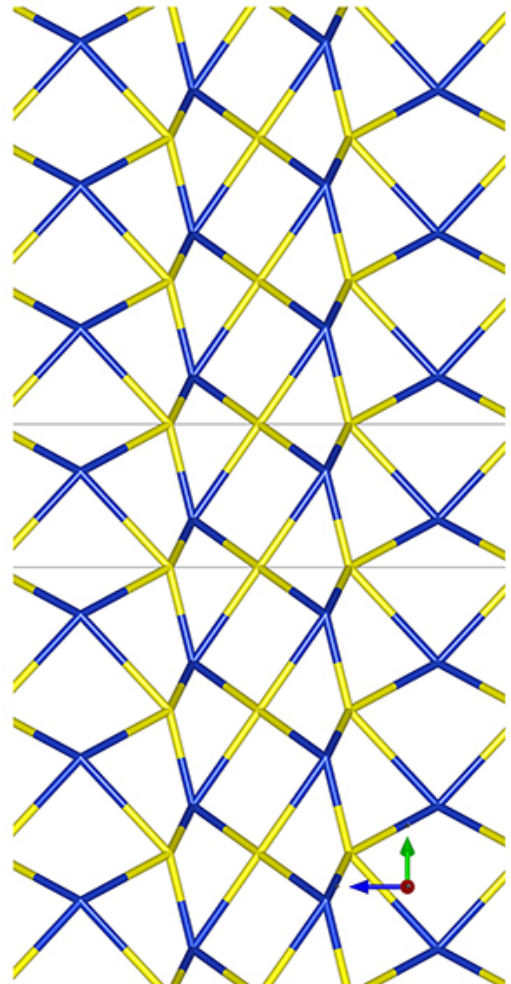
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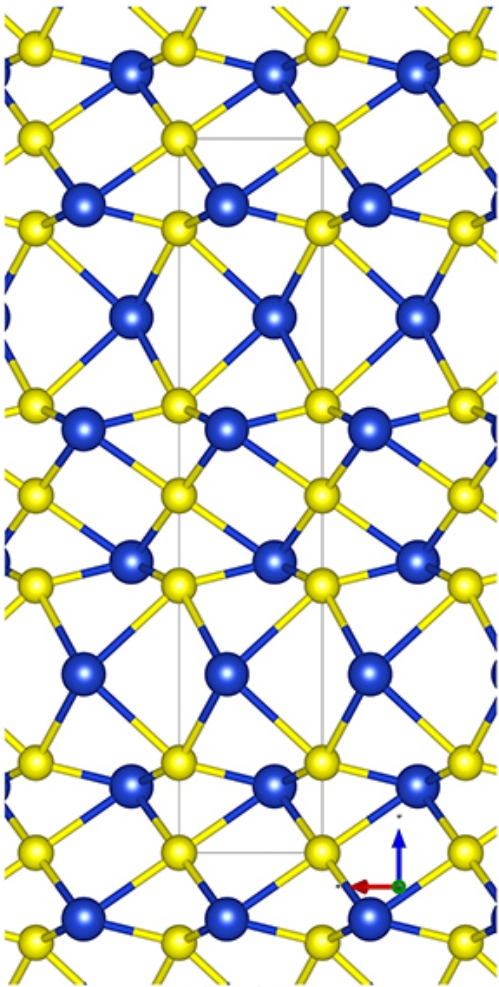
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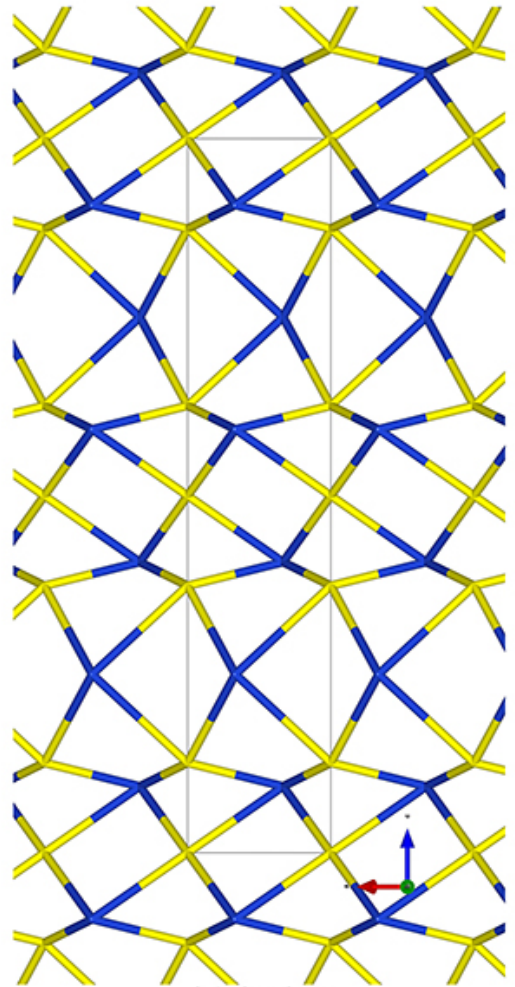
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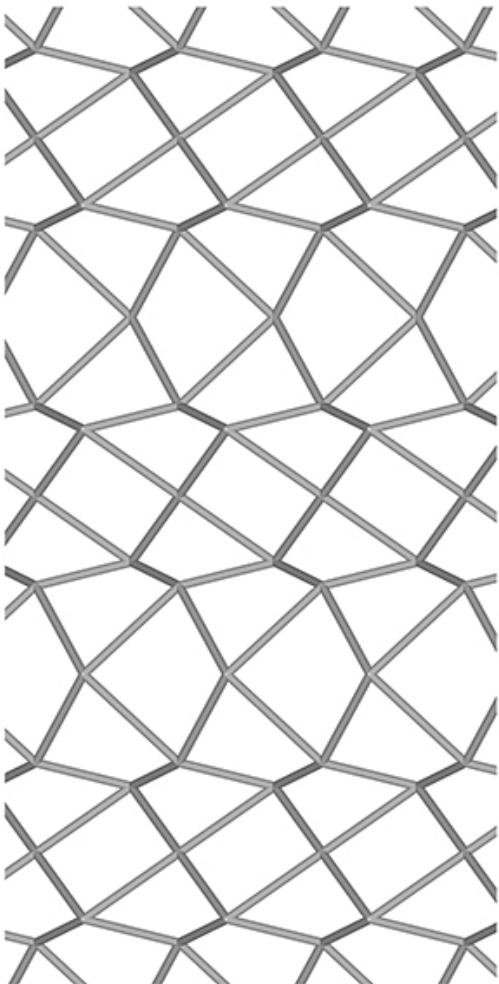
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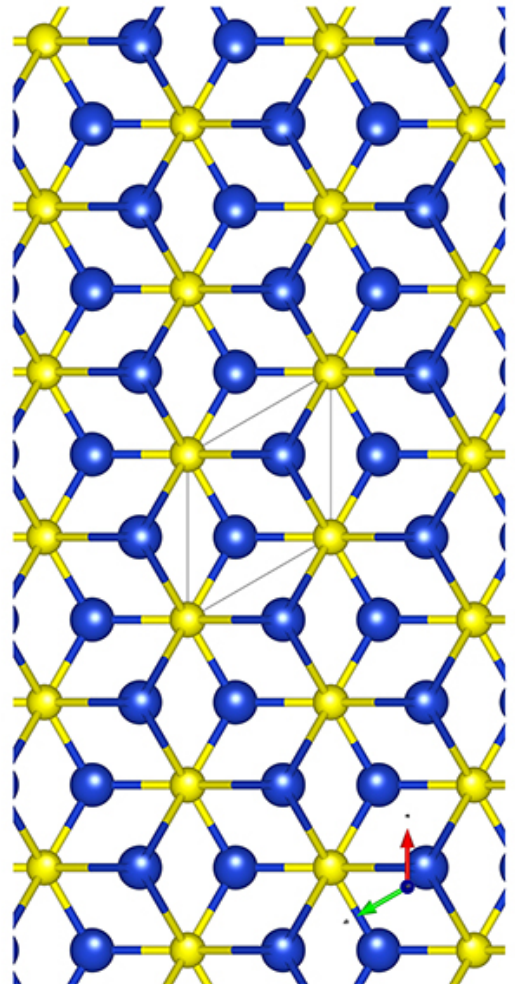
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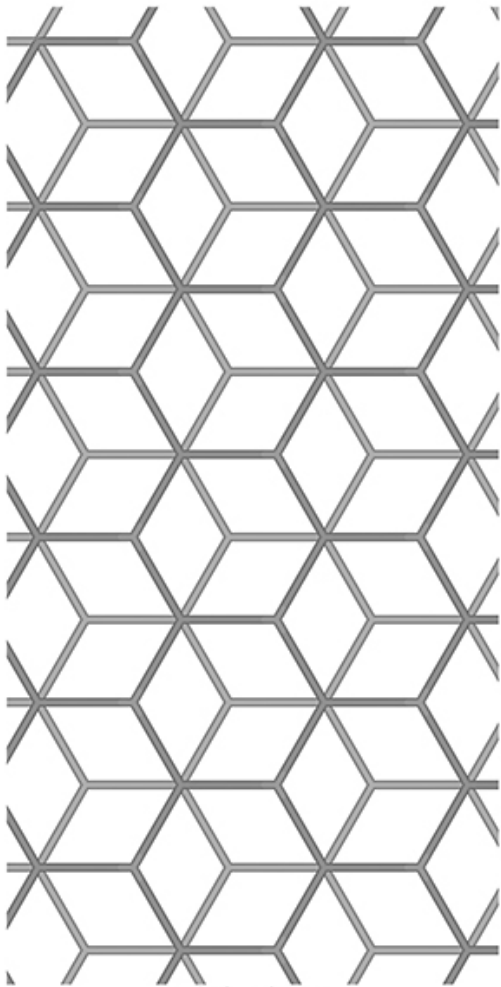
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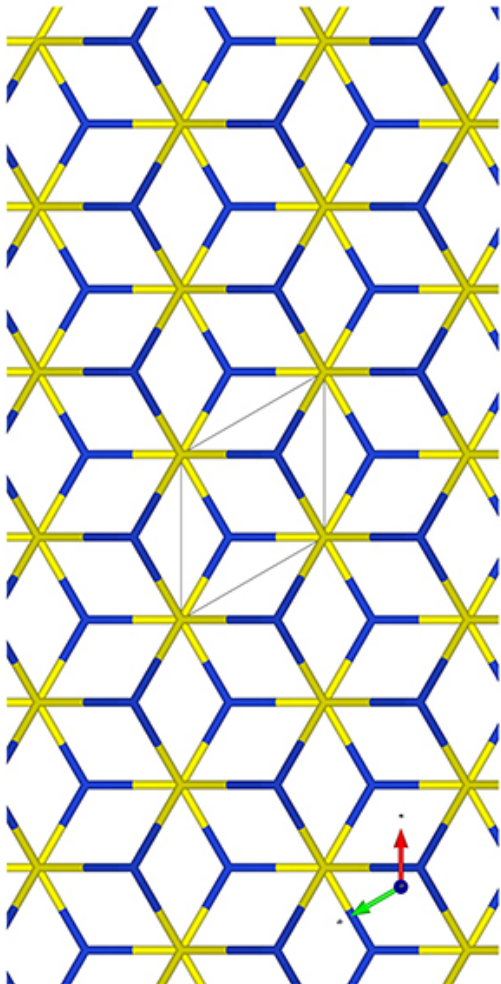
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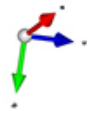
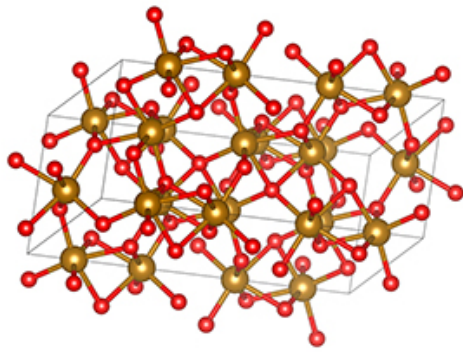


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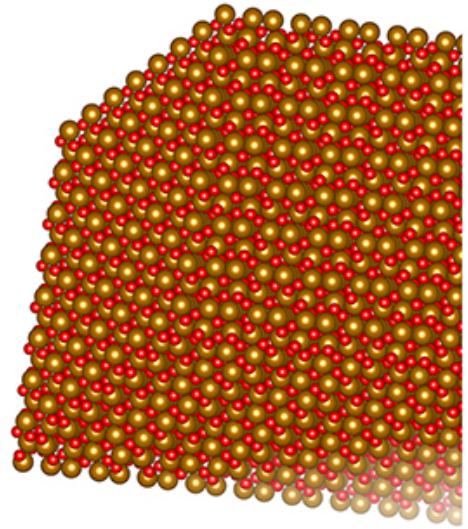


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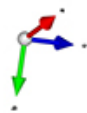
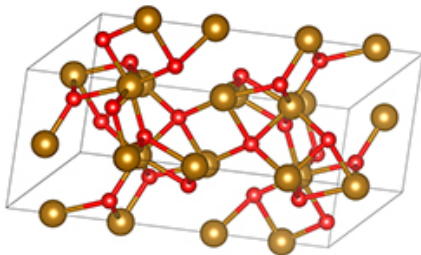
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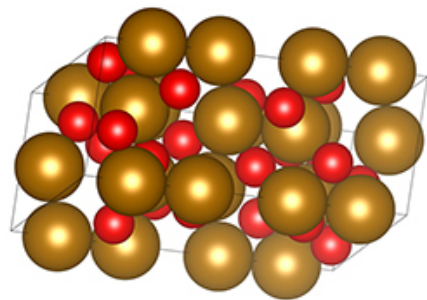
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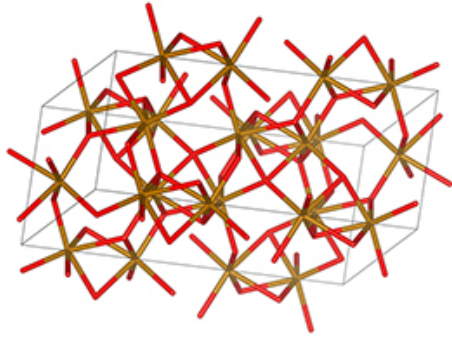
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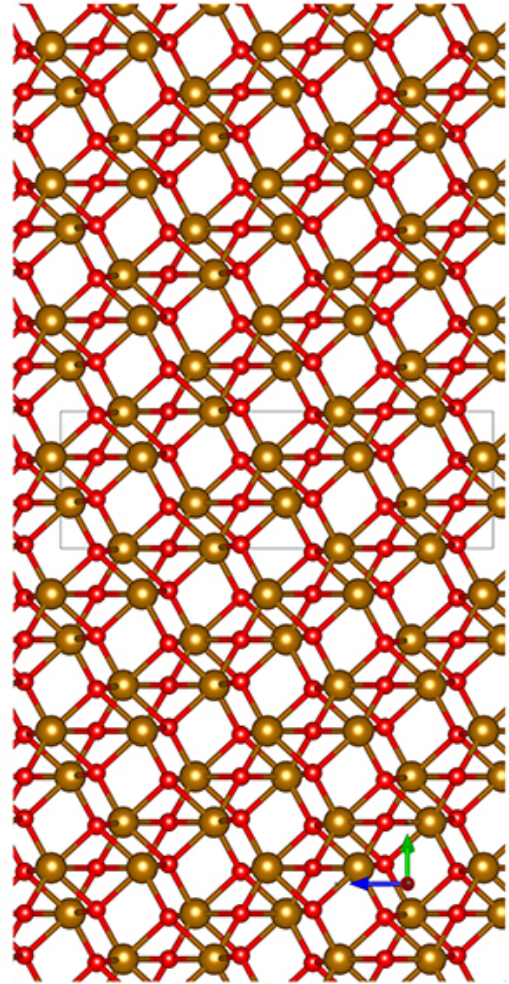
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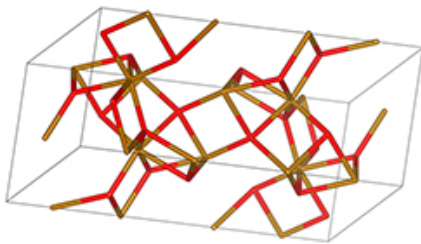
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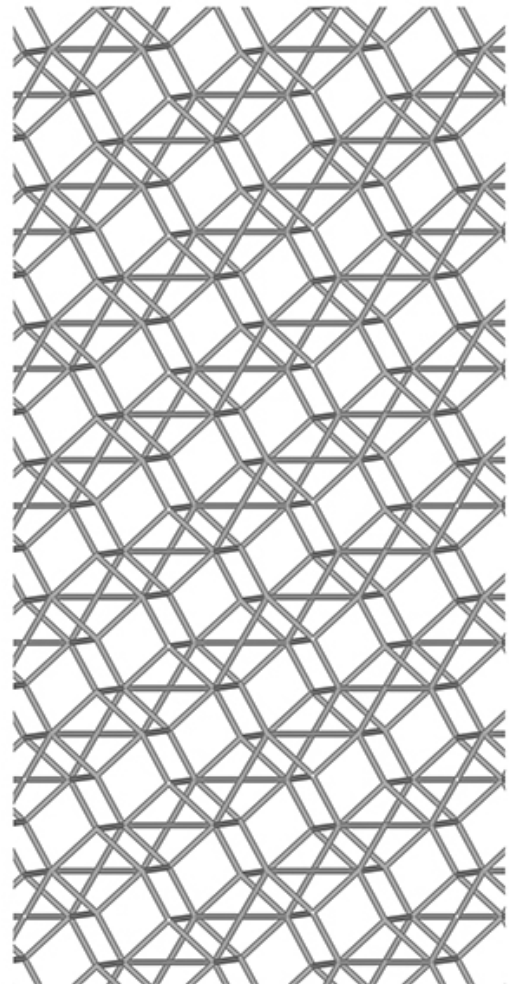
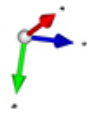
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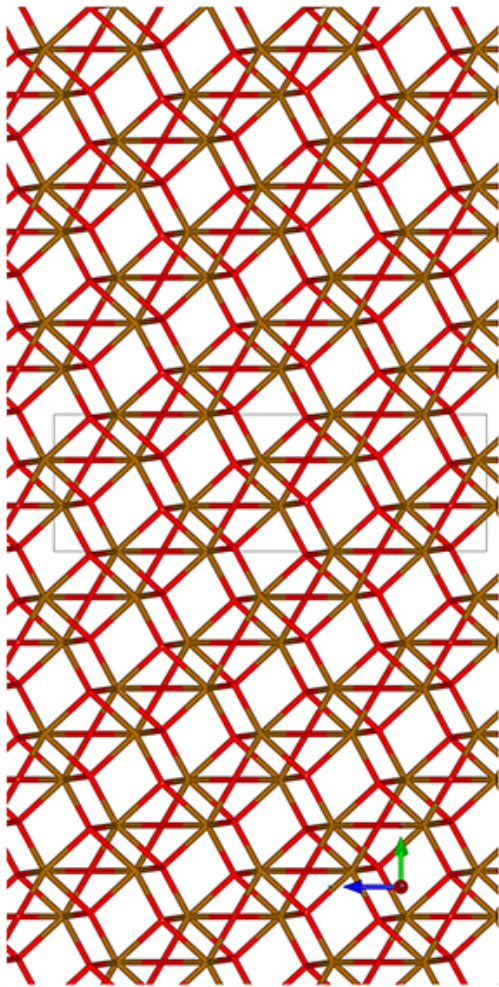
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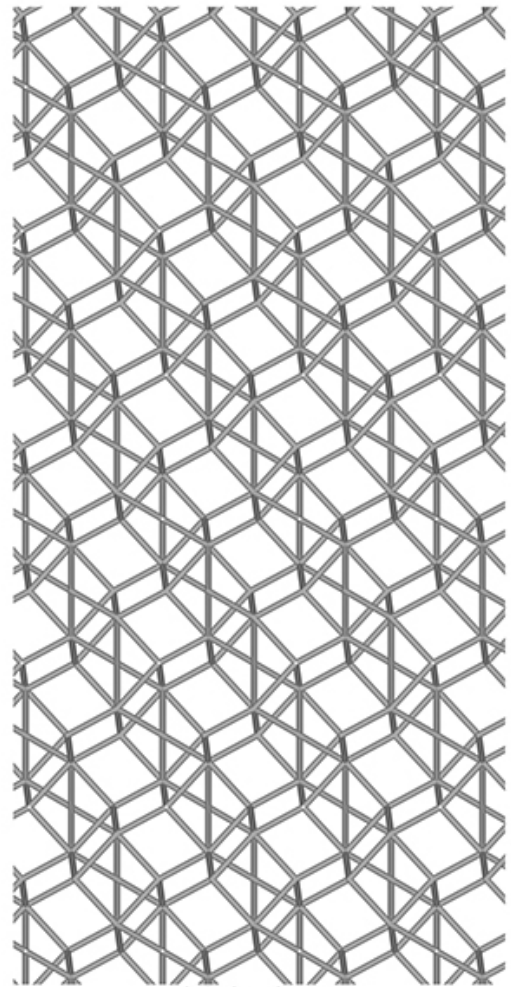
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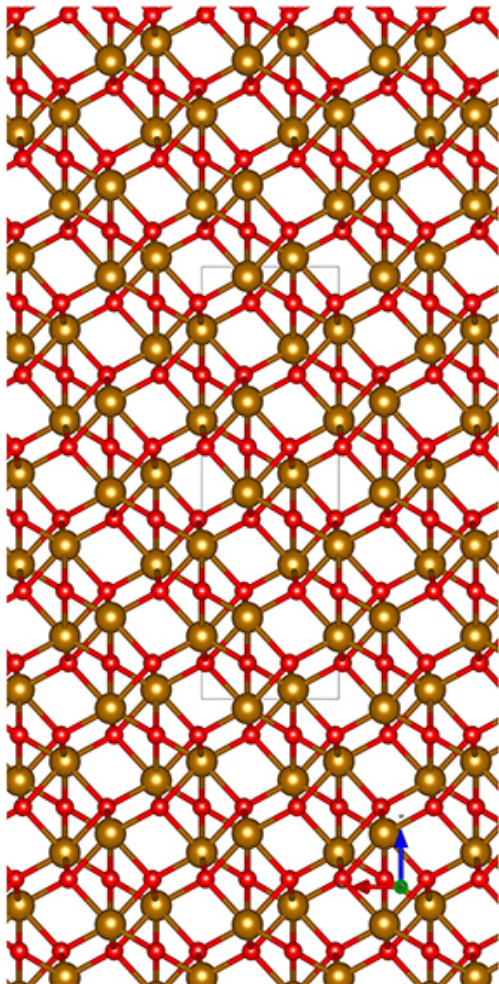
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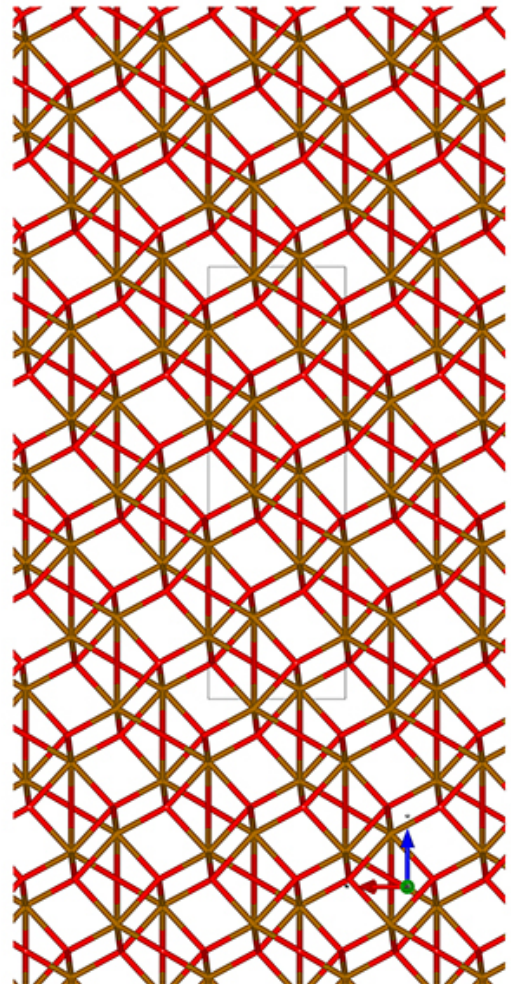
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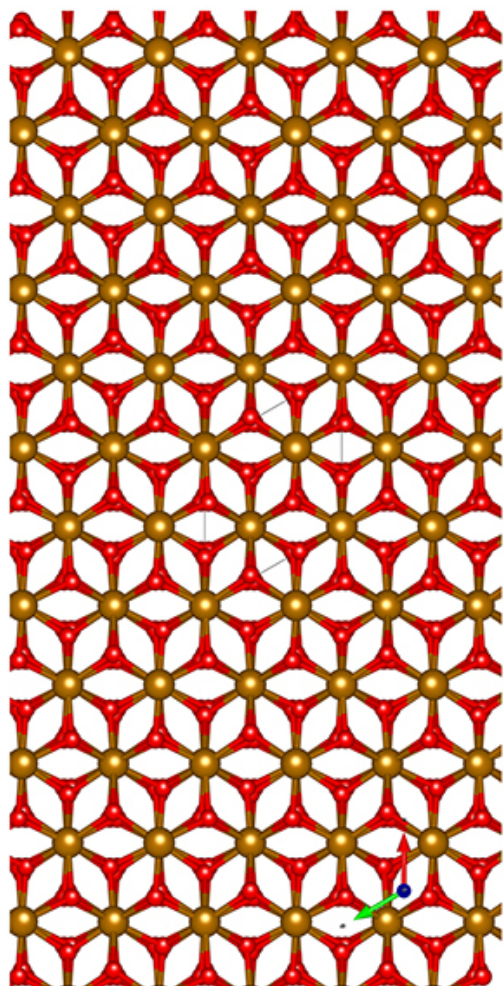
b-Stick-Mol-U.jpg



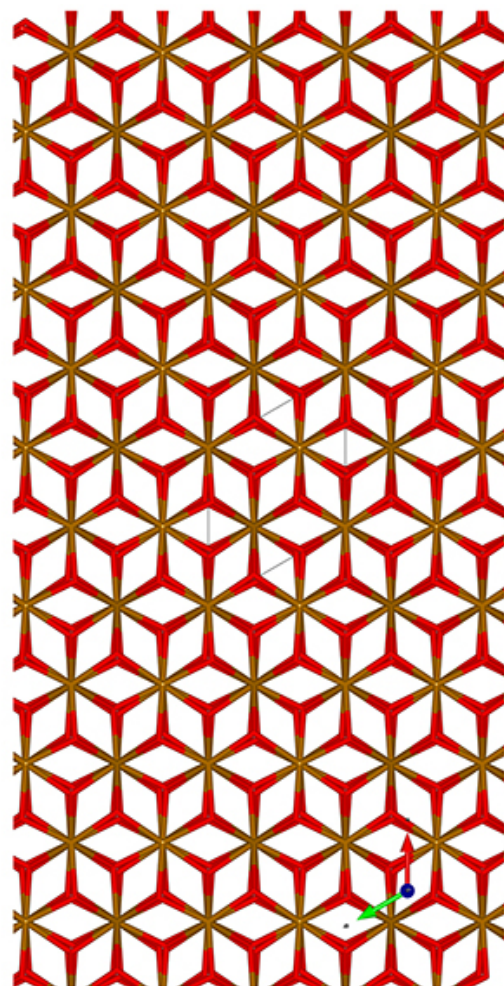
b-Ball&Stick-Mol.jpg



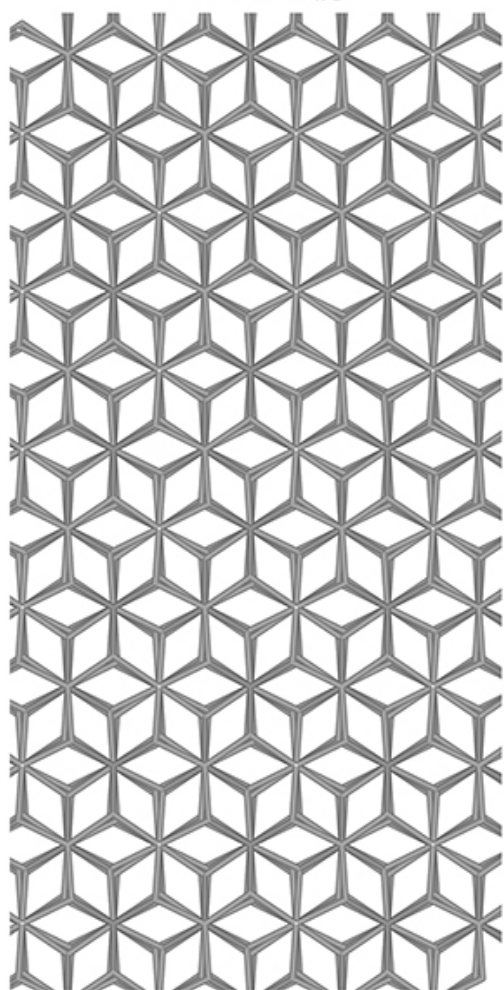
b-Stick-Mol.jpg



c-Ball&Stick-Mol.jpg

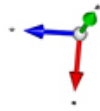
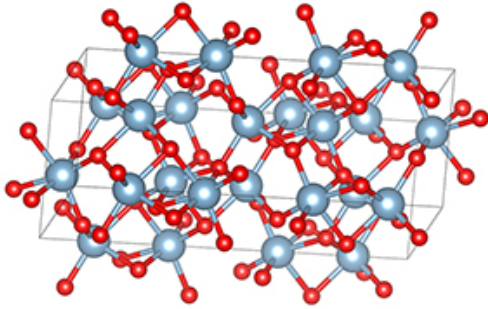


c-Stick-Mol.jpg

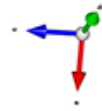
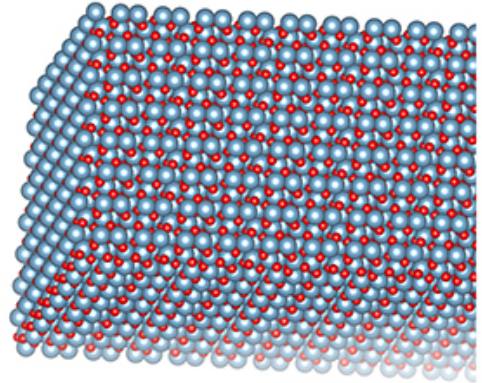


c-Stick-Mol-U.jpg

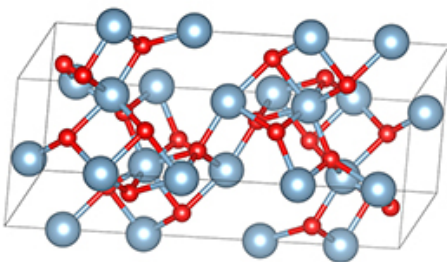
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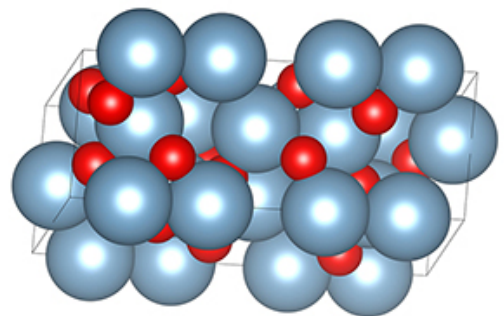
3D-Ball&Stick-Large.jpg



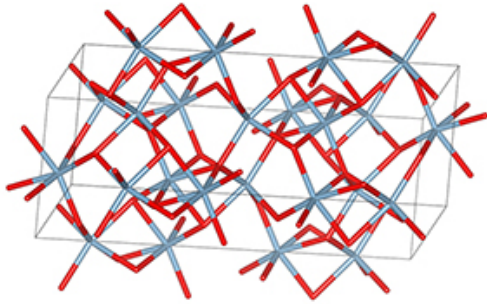
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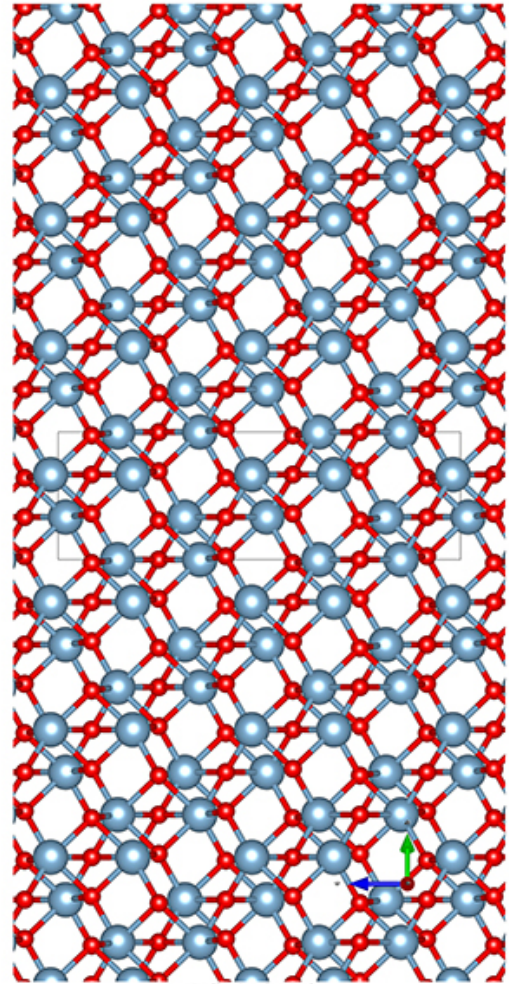
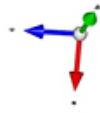
3D-Ball&stick.jpg



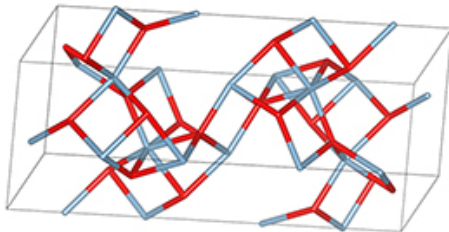
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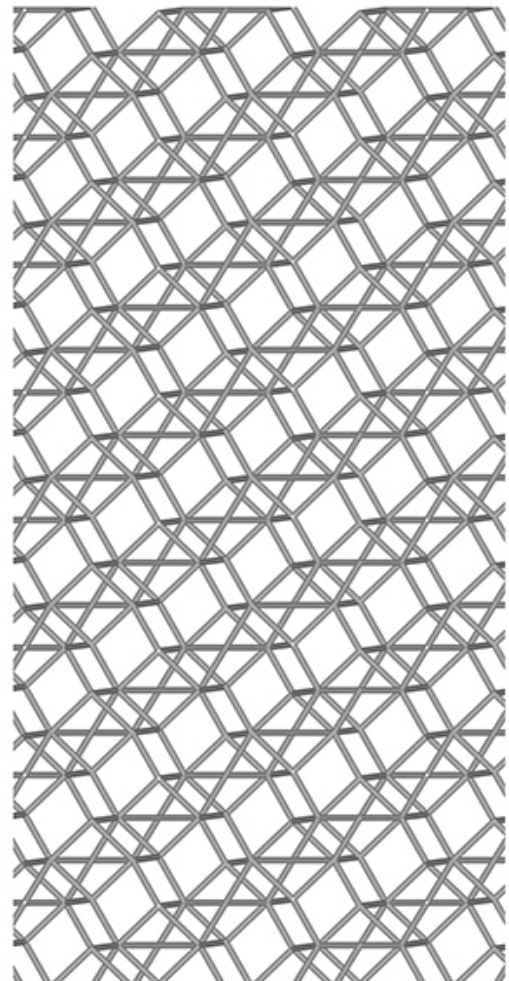
3D-Stick-Large.jpg



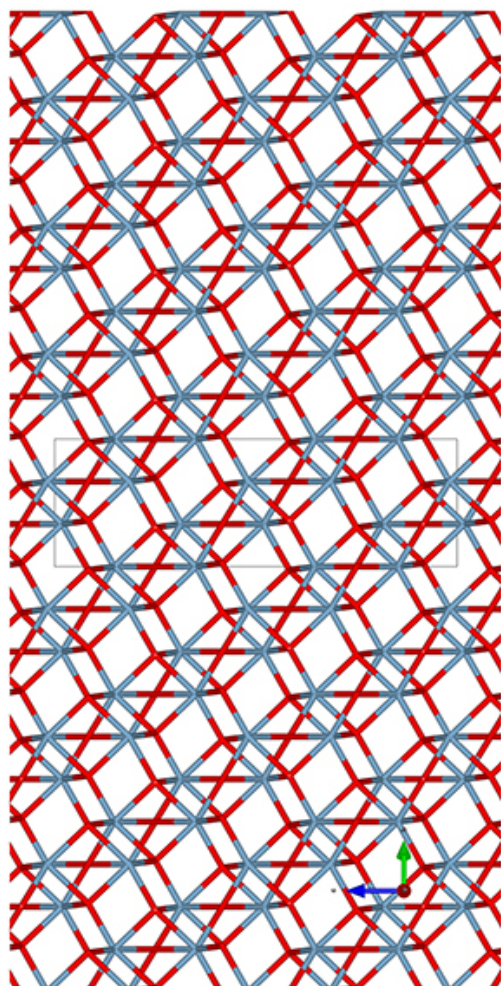
a-Ball&Stick-Mol.jpg



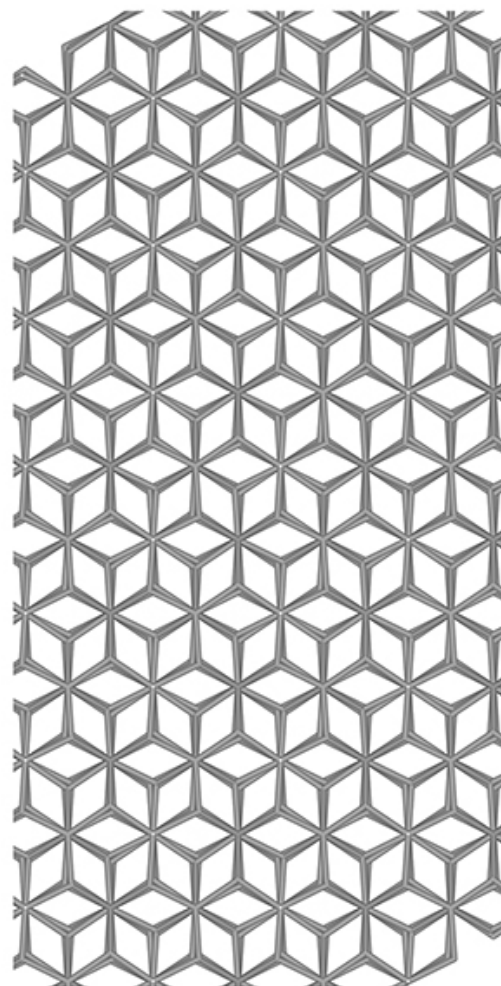
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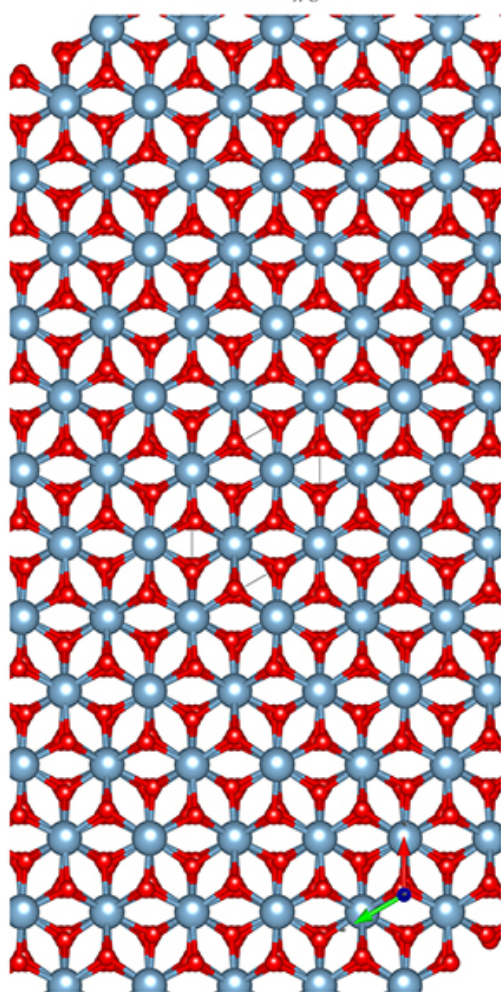
a-Stick-Mol-U.jpg



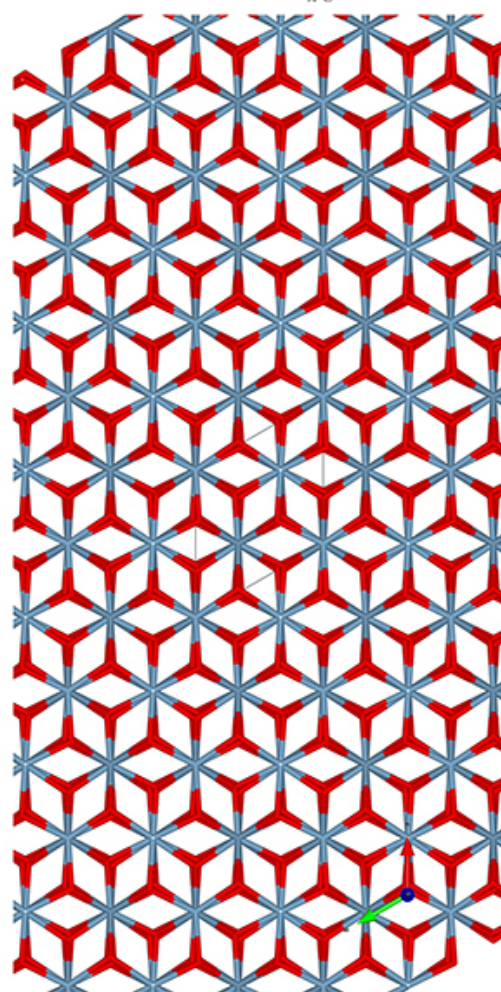
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c-Stick-Mol-U.jpg

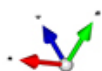
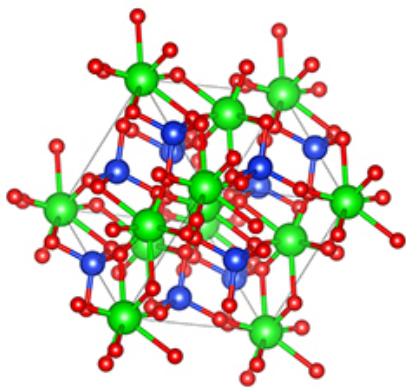


c-Ball&Stick-Mol.jpg

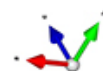
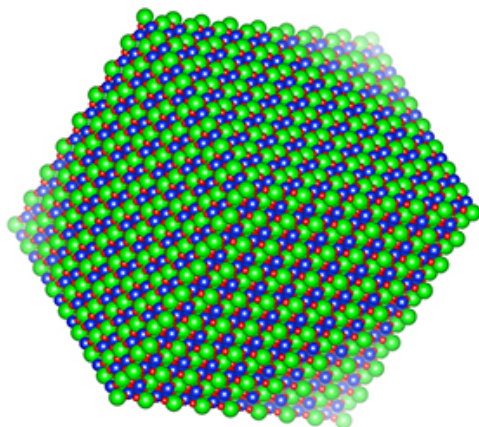


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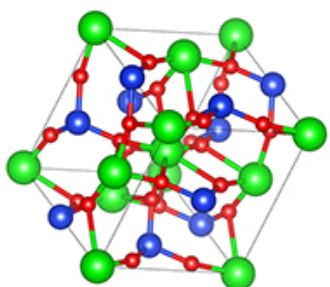
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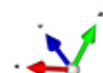
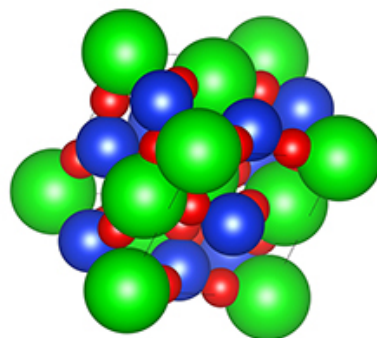
3d-Ball&Stick-Large.jpg



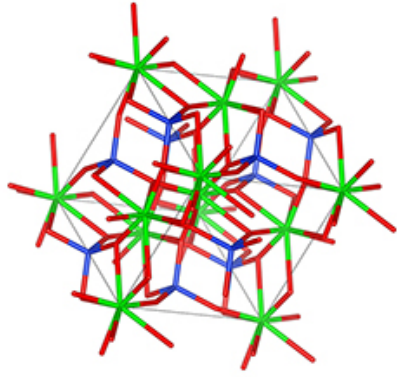
3d-Ball-Mol.jpg



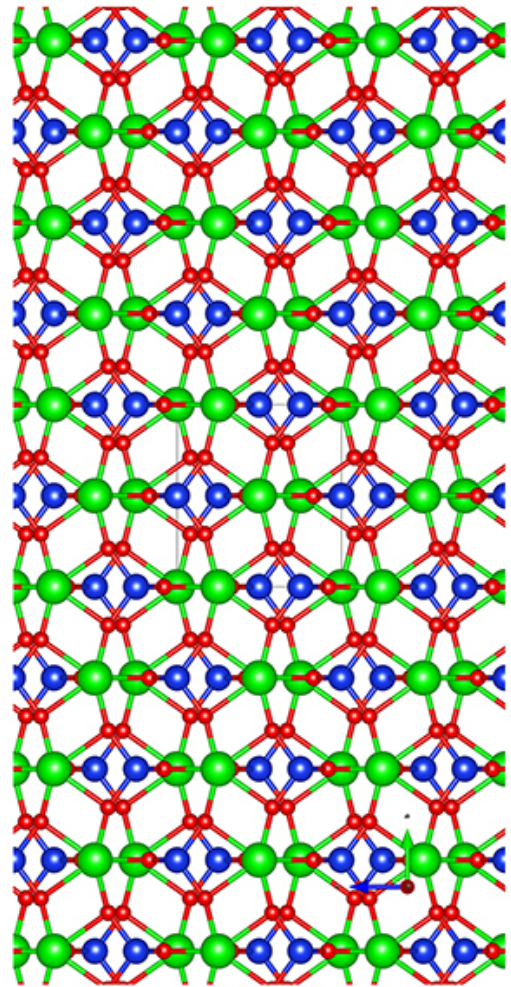
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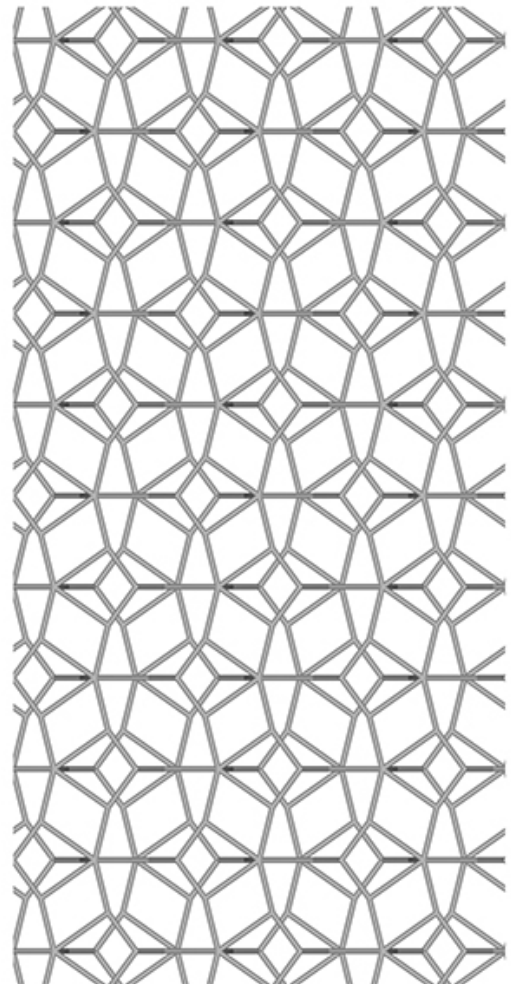
3d-Ball.jpg



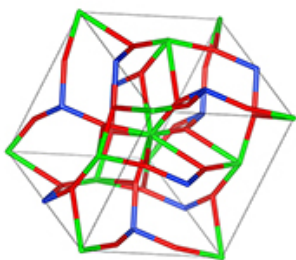
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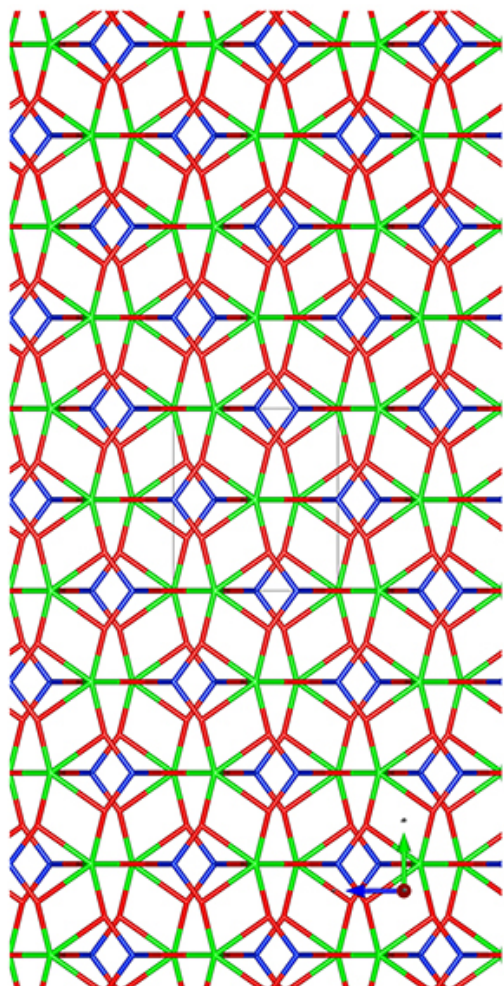
a-Ball&Stick-Mol.jpg



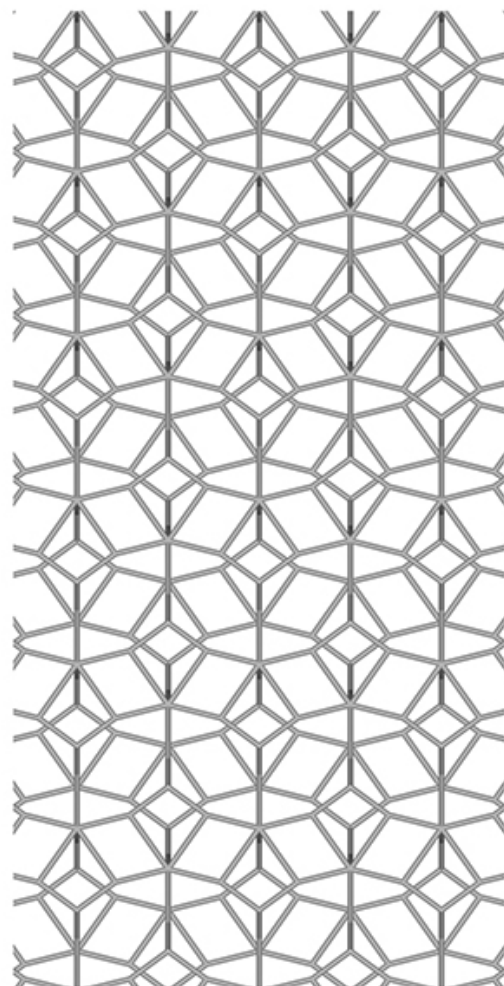
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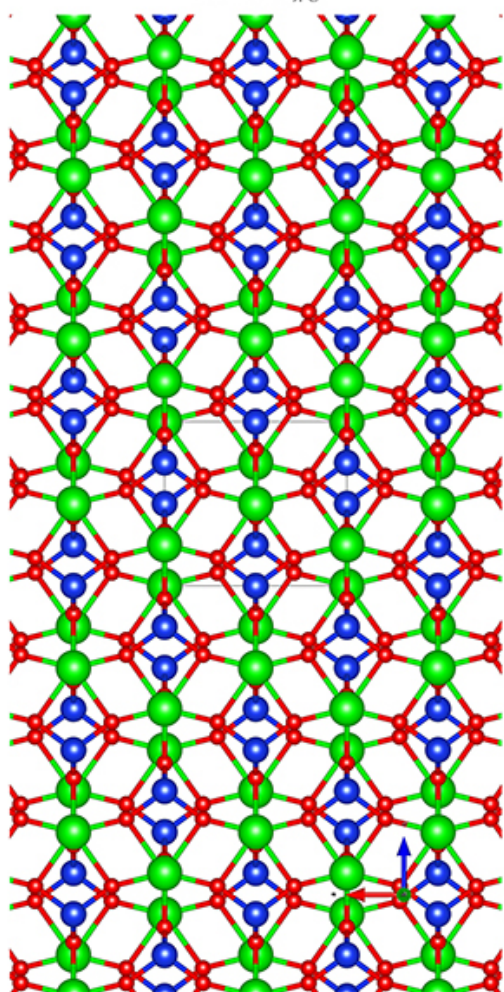
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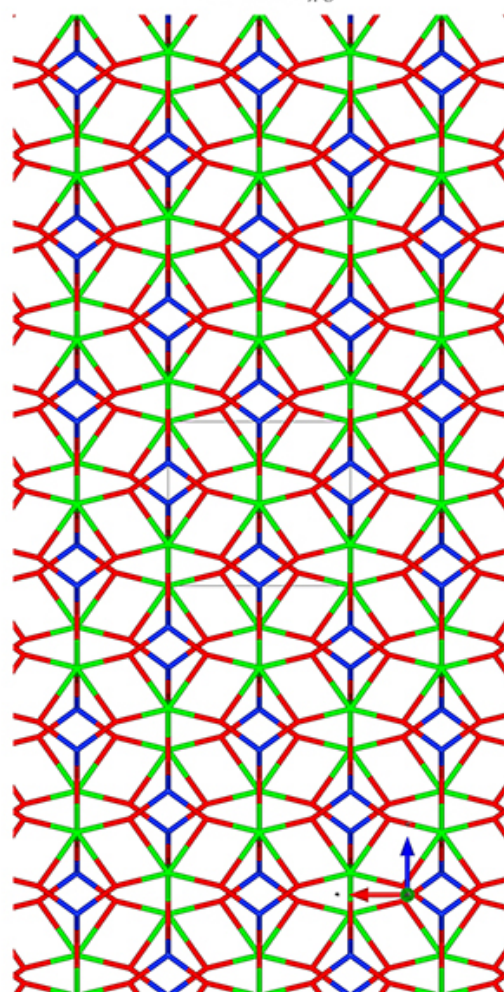
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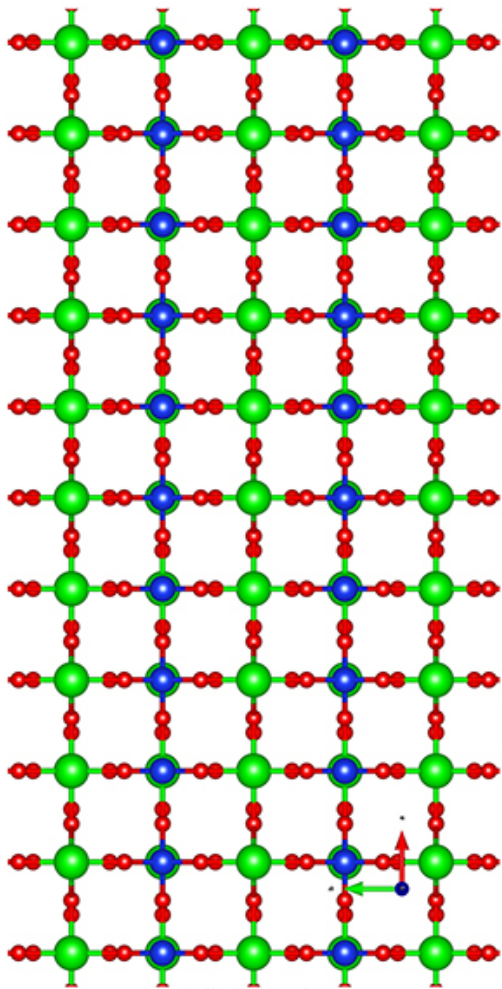
b-Stick-Mol-U.jpg



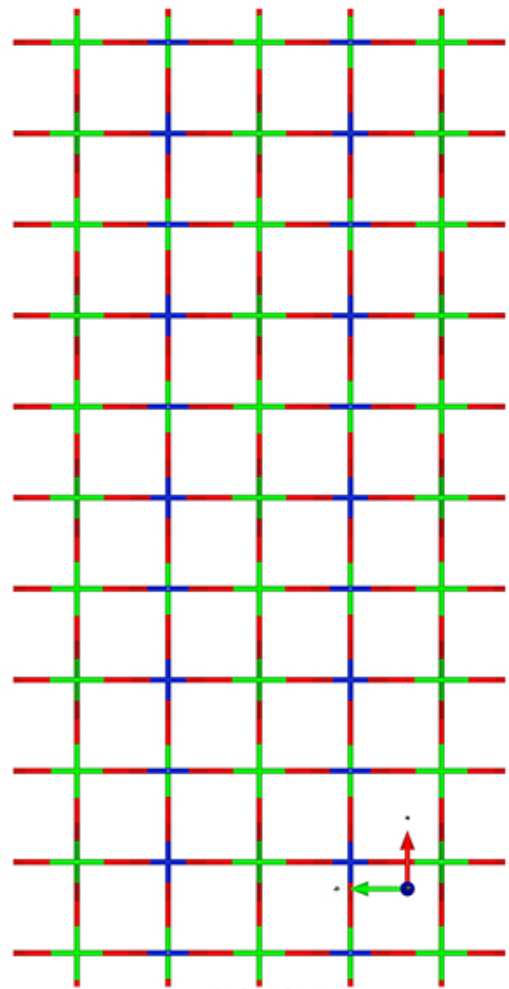
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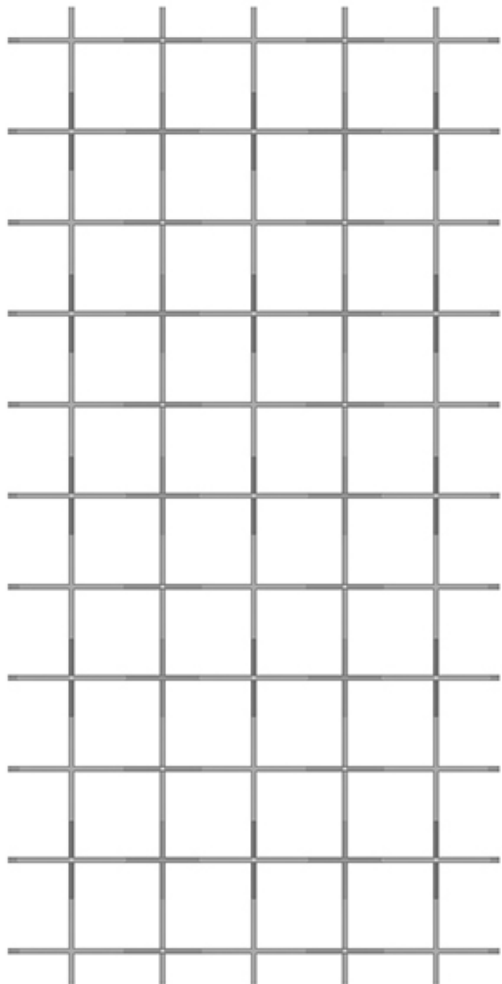
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c-Ball&Stick-Mol.jpg

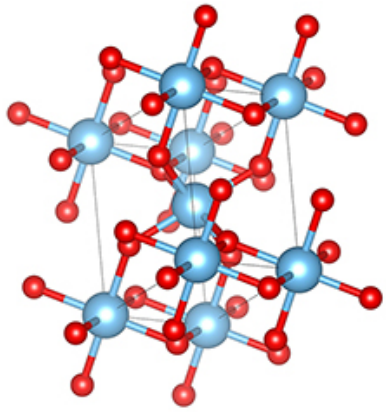


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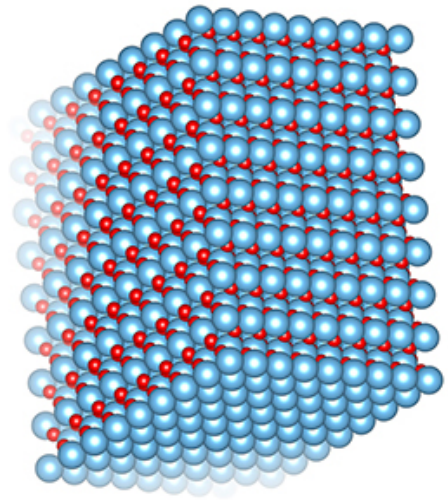


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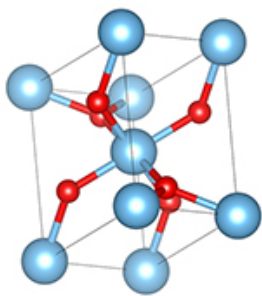
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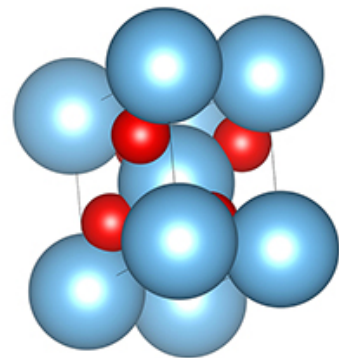
3D-Ball&Stick-Large.jpg



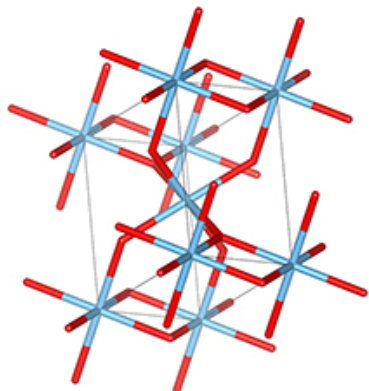
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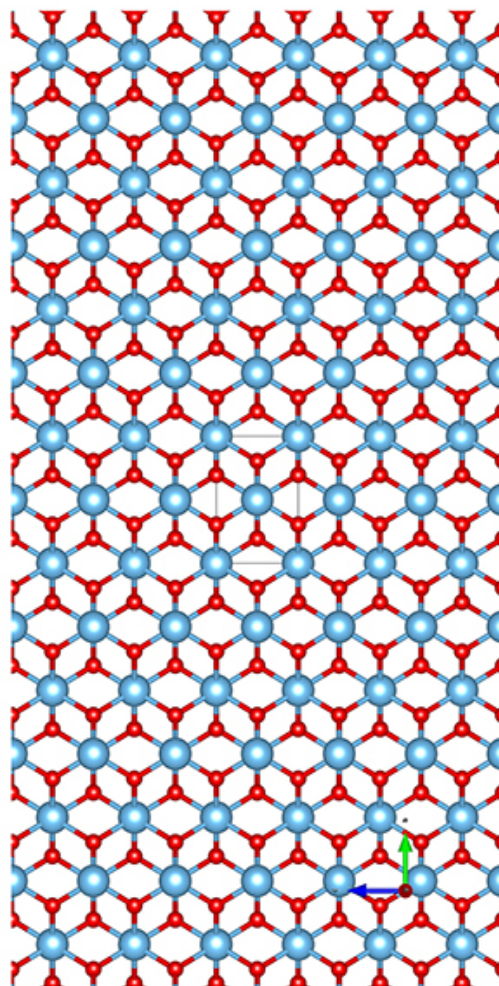
3D-Ball&Stick.jpg



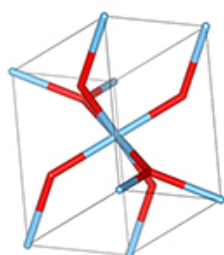
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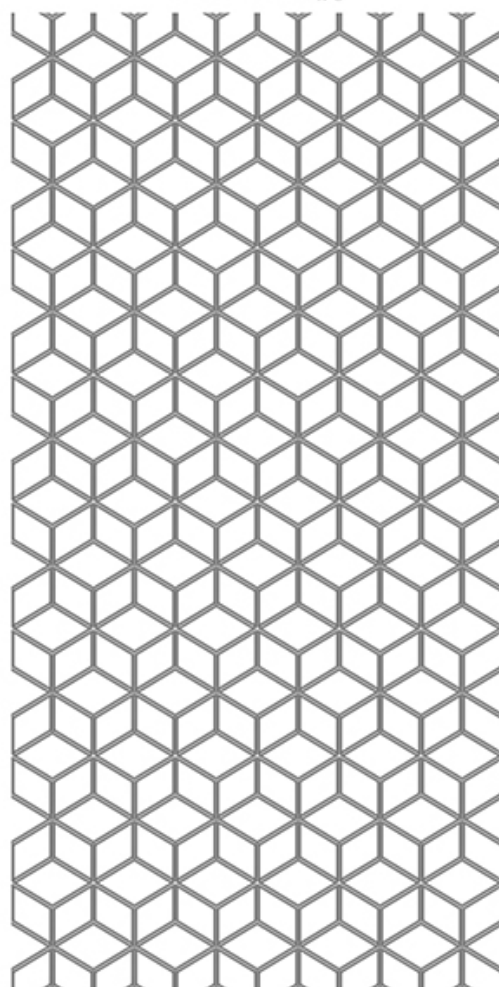
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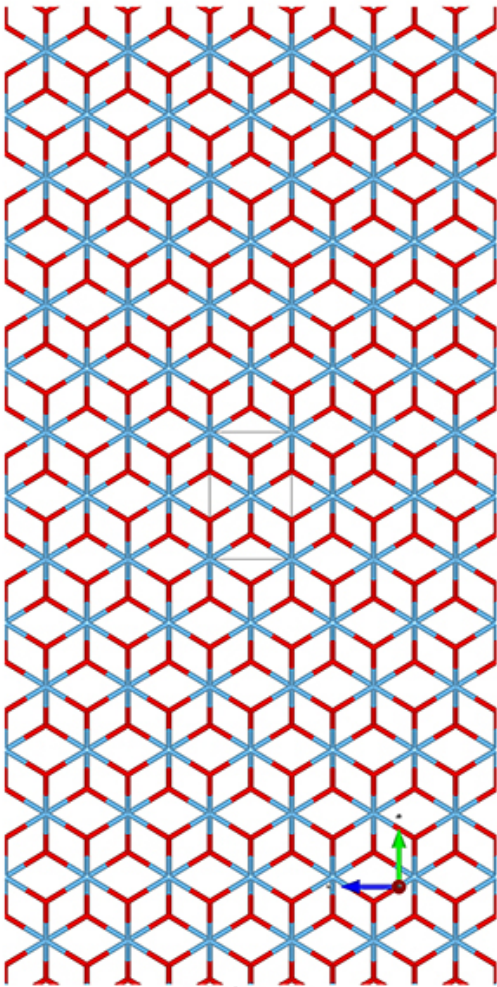
a-Ball&Stick-Mol.jpg



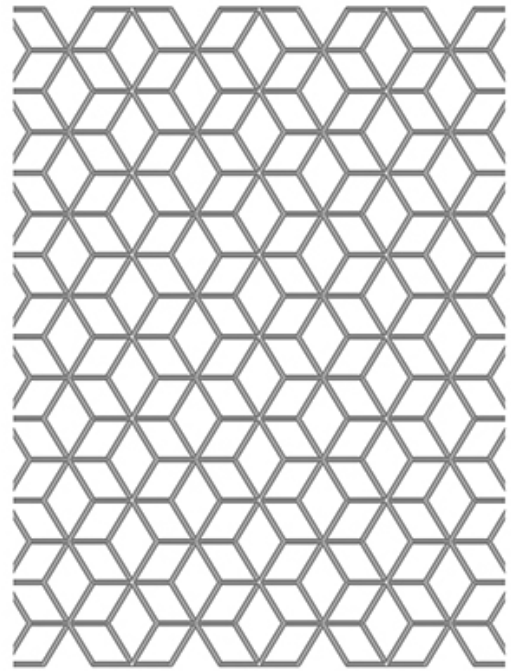
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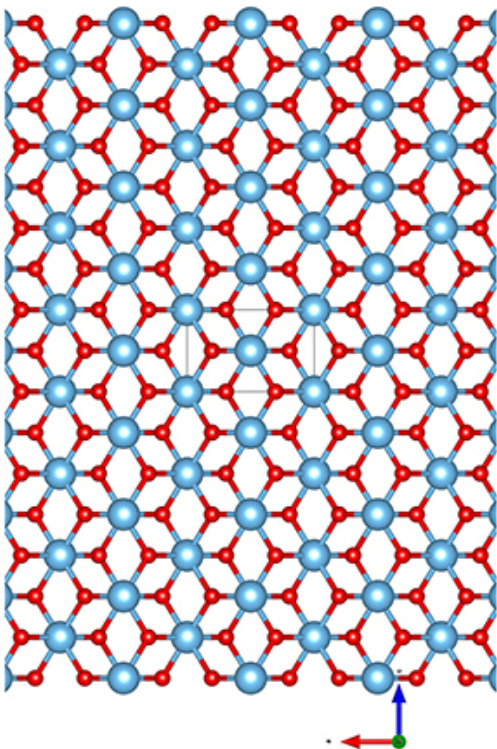
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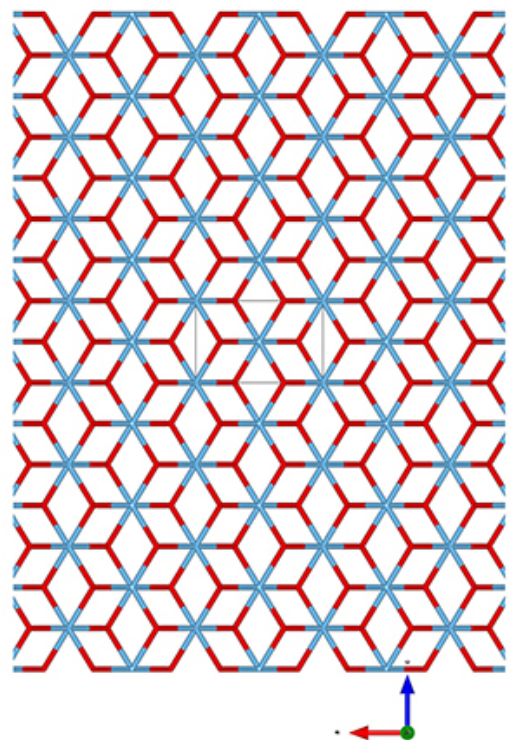
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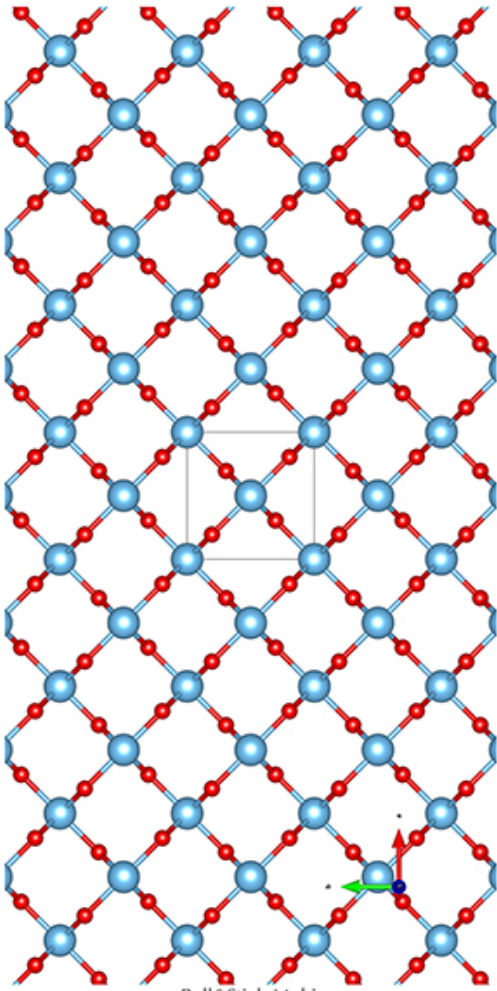
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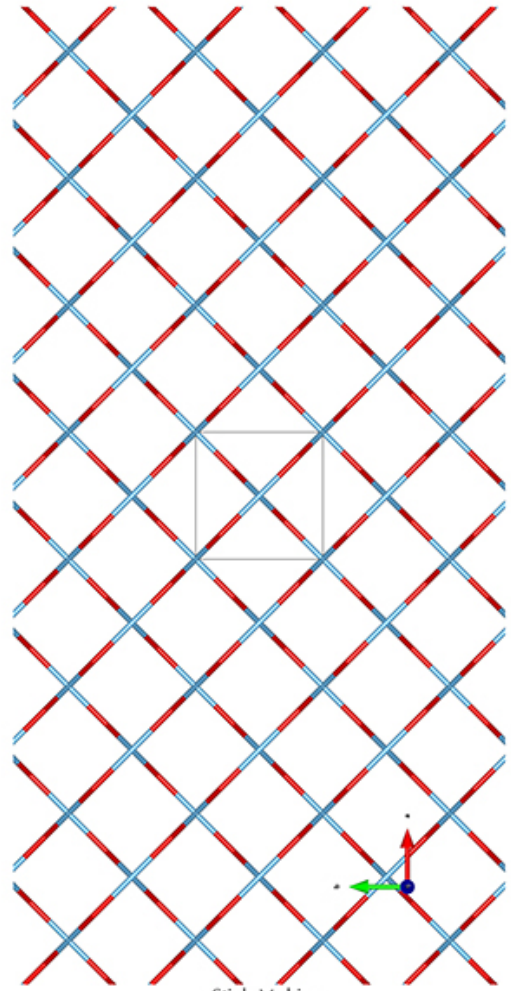
b-Ball&Stick-Mol.jpg



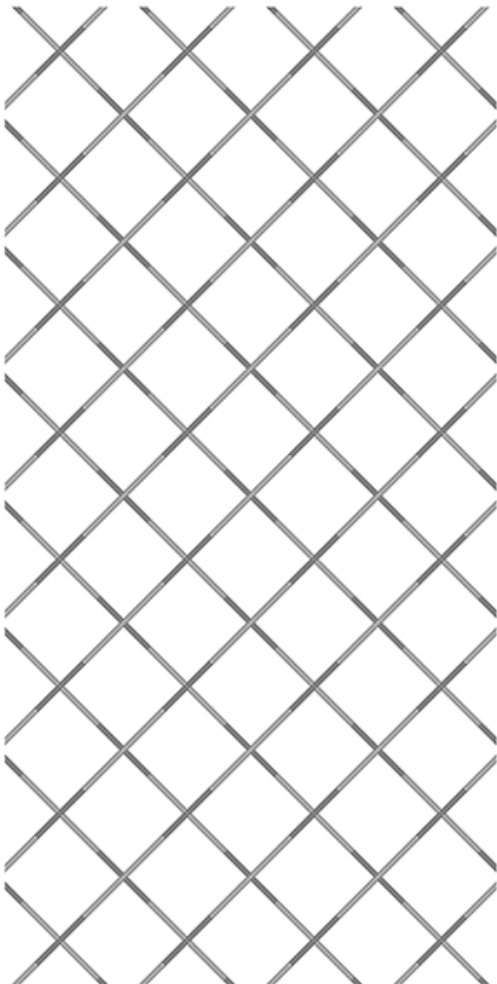
b-Stick-Mol.jpg



c-Ball&Stick-Mol.jpg

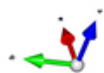
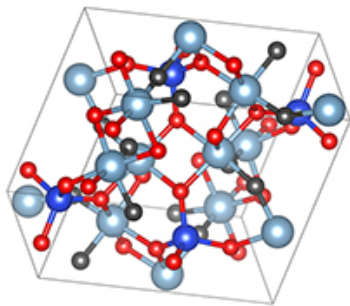


c-Stick-Mol.jpg

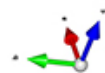
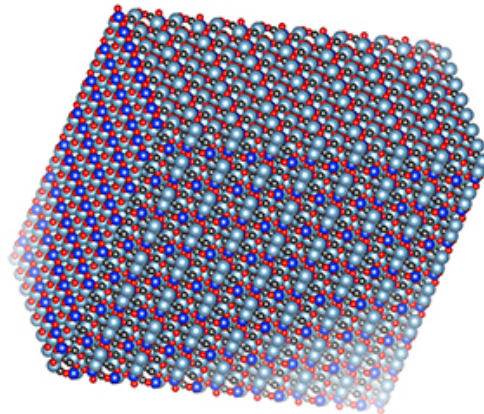


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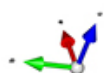
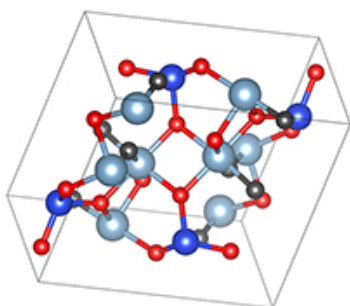
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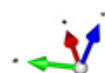
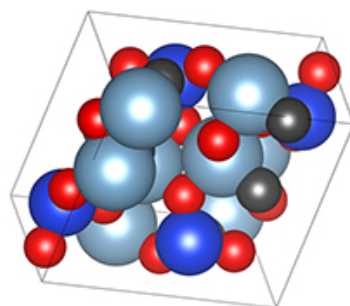
3D-Ball&Stick-Large.jpg



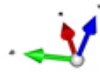
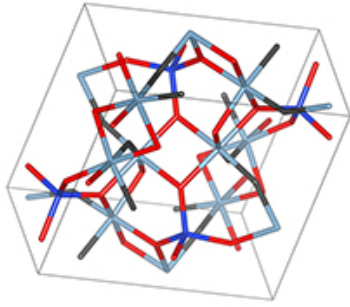
3D-Ball-Mol.jpg



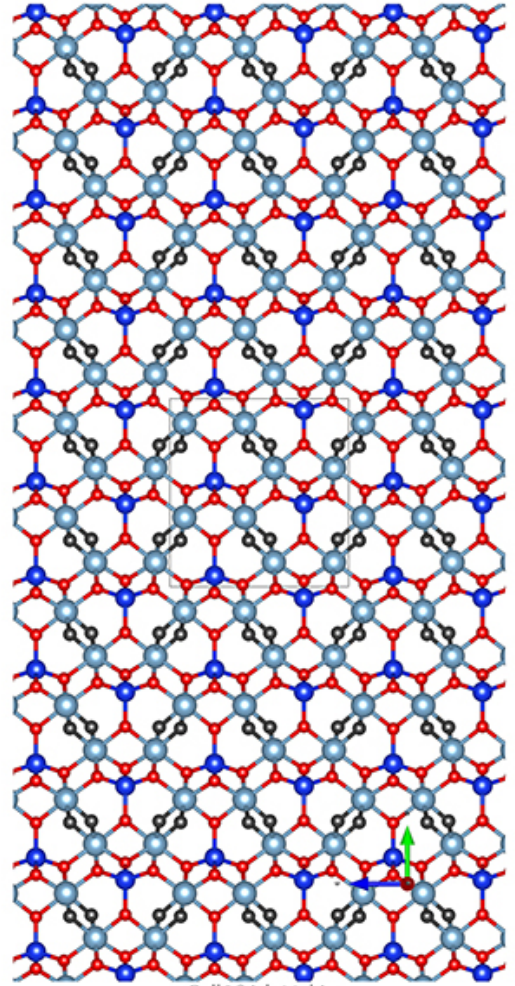
3D-Ball&Stick.jpg



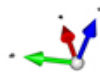
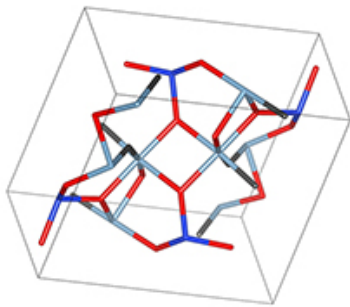
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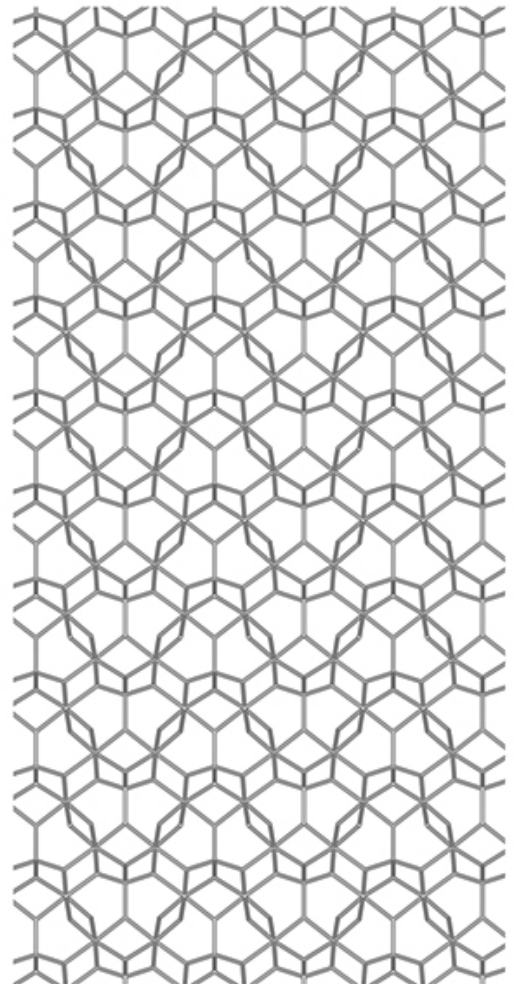
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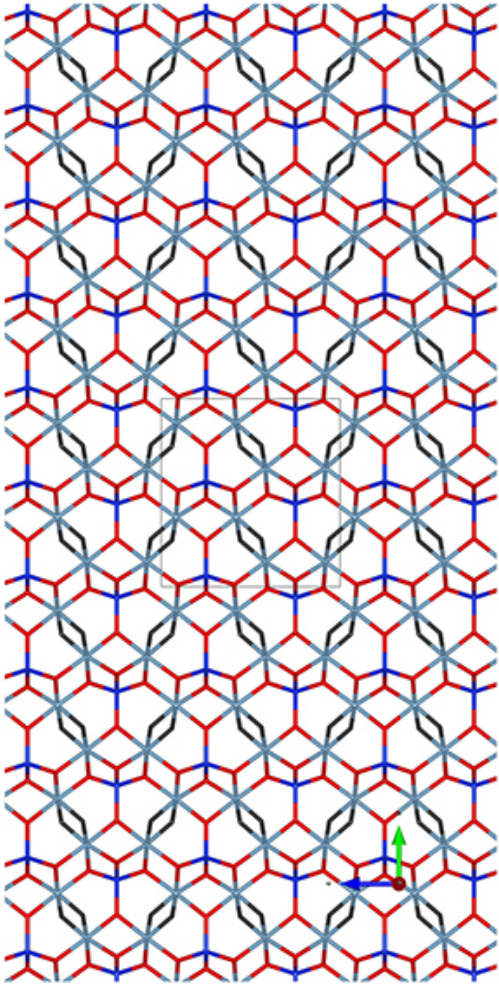
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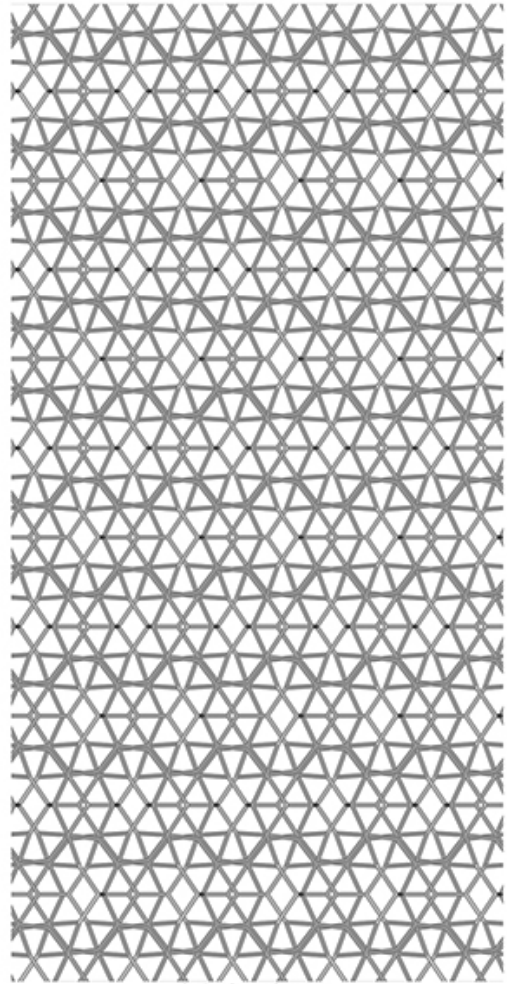
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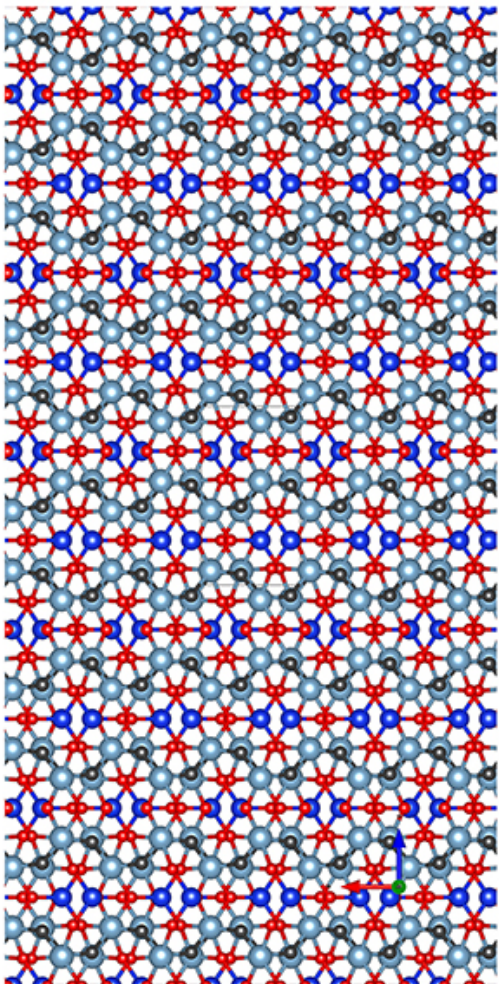
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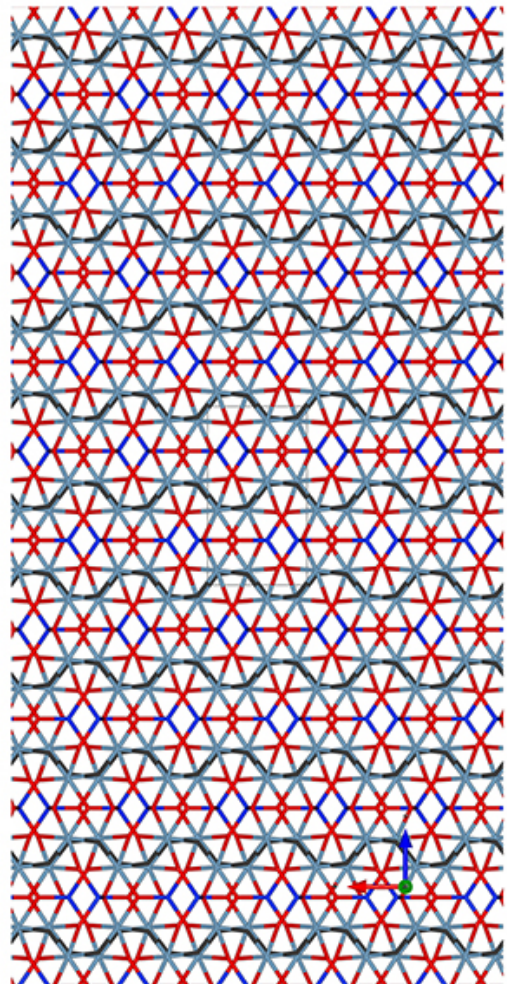
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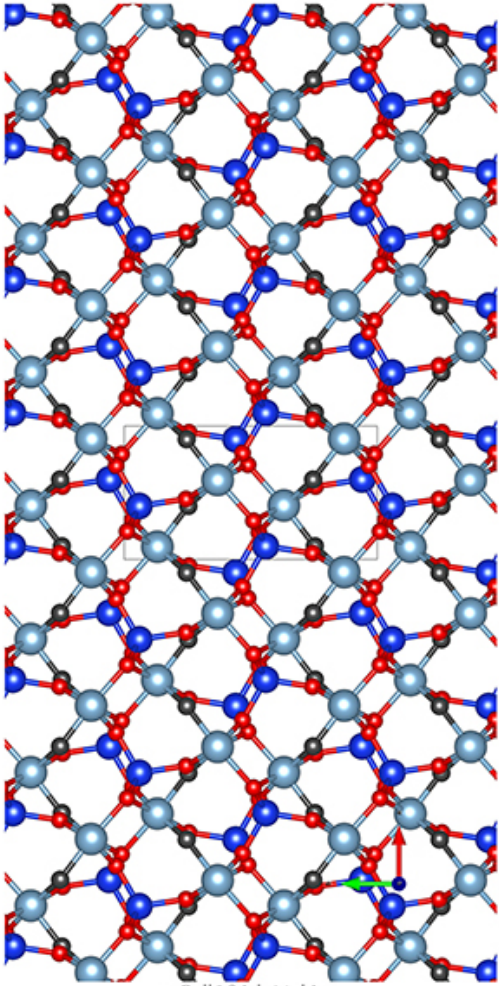
b-Stick-Mol-U.jpg



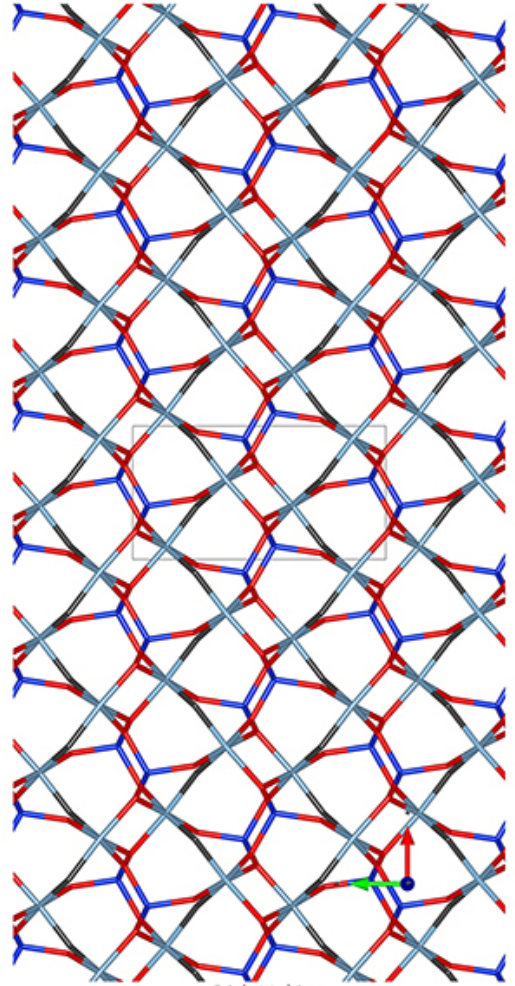
b-Ball&Stick-Mol.jpg



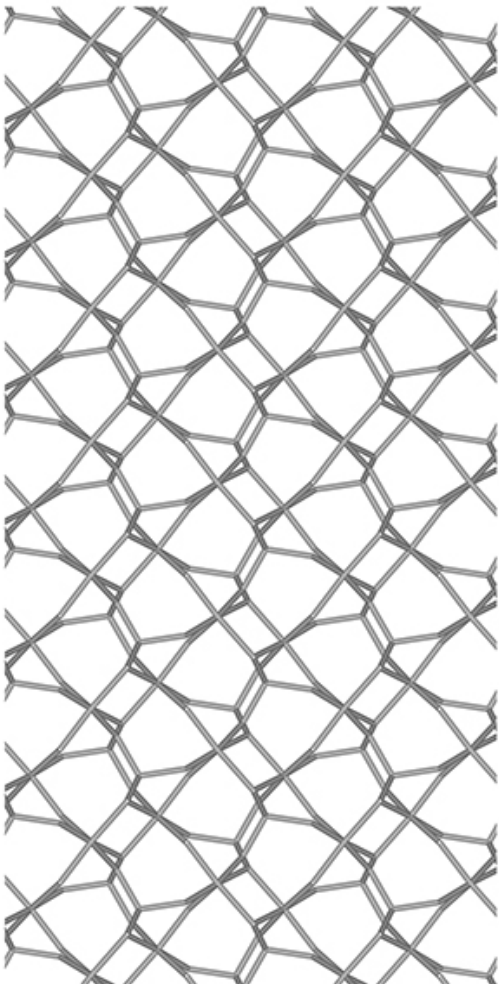
b-Stick-Mol.jpg



c-Ball&Stick-Mol.jpg

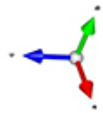
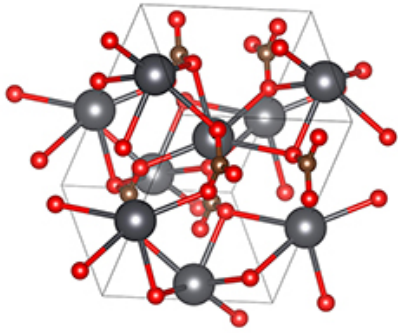


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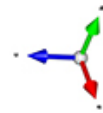
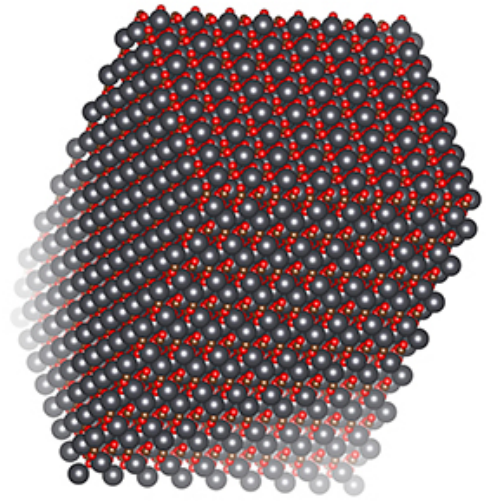


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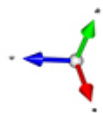
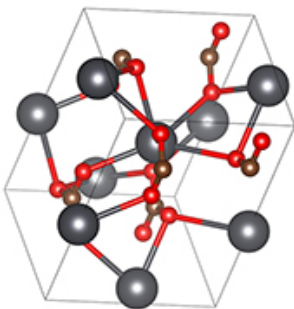
CÉRUSITE



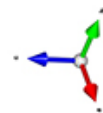
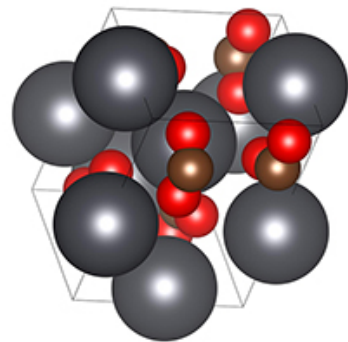
3D-Ball&Stick-Large.jpg



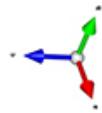
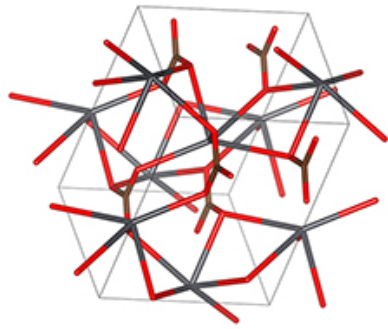
3D-Ball-Mol.jpg



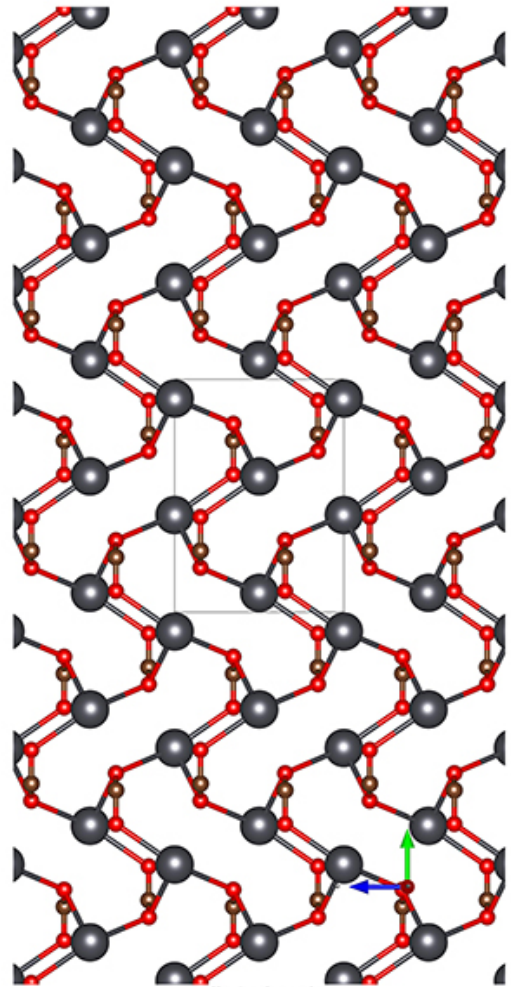
3D-Ball&Stick.jpg



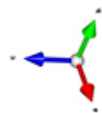
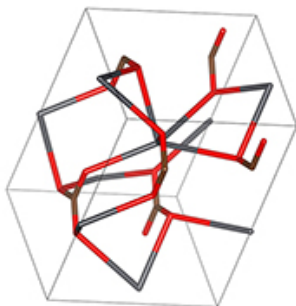
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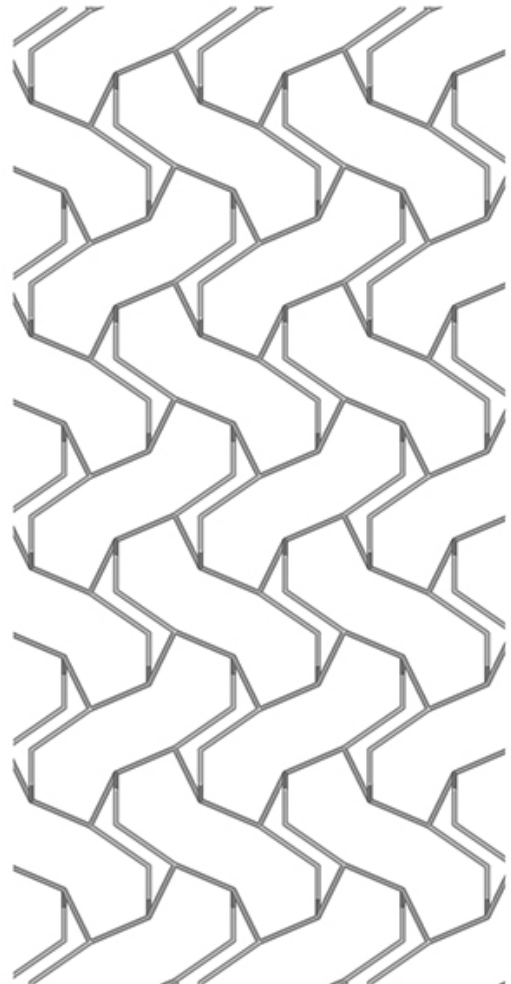
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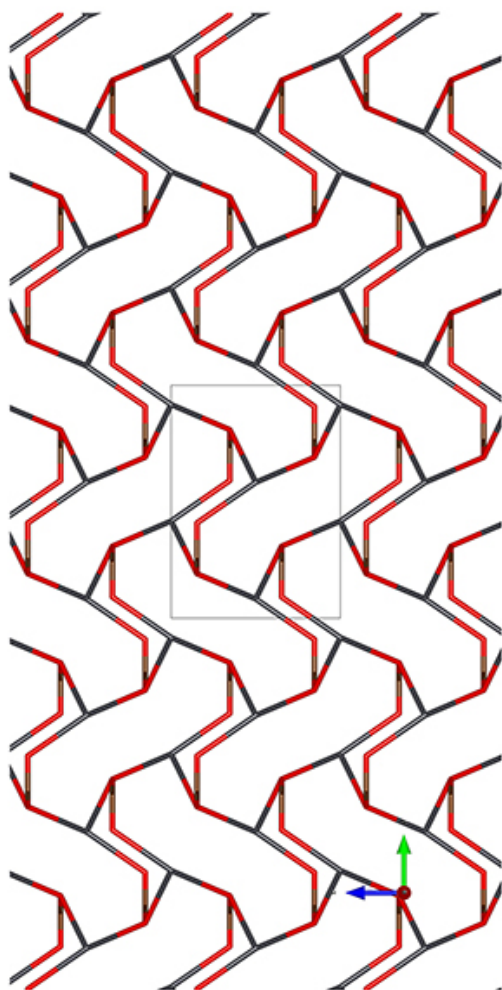
a-Ball&Stick-Mol.jpg



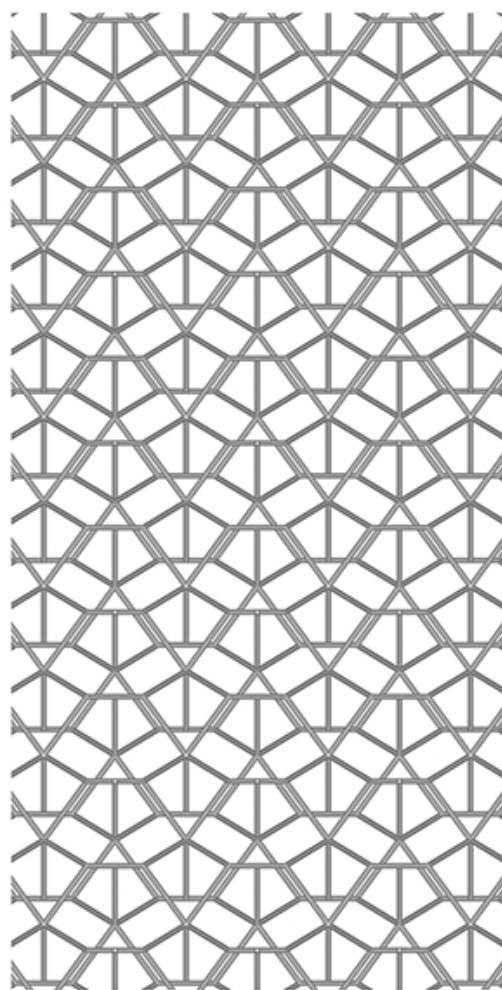
3D-Stick.jpg



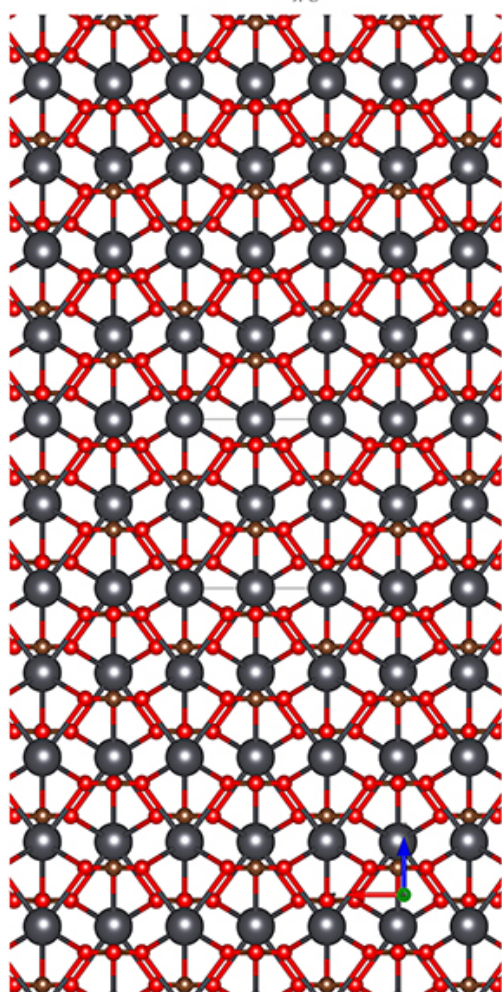
a-Stick-Mol-U.jpg



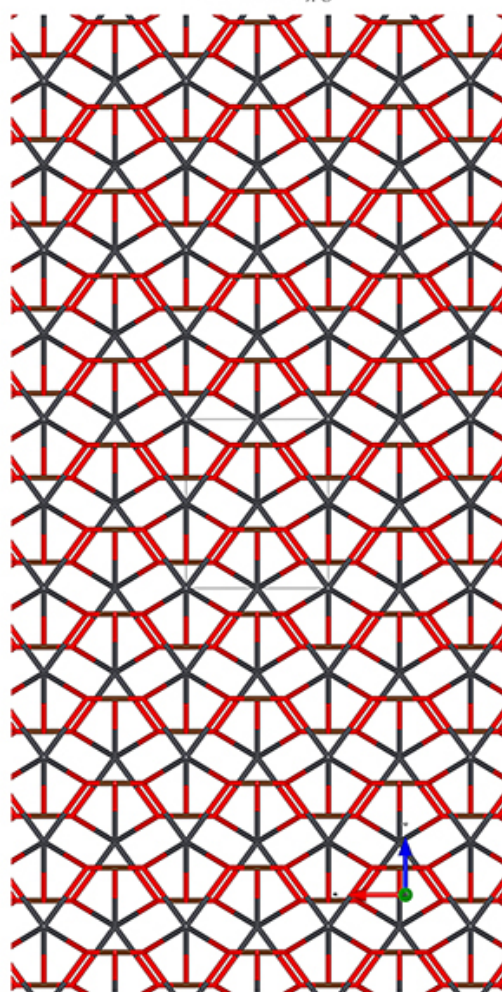
a-Stick-Mol.jpg



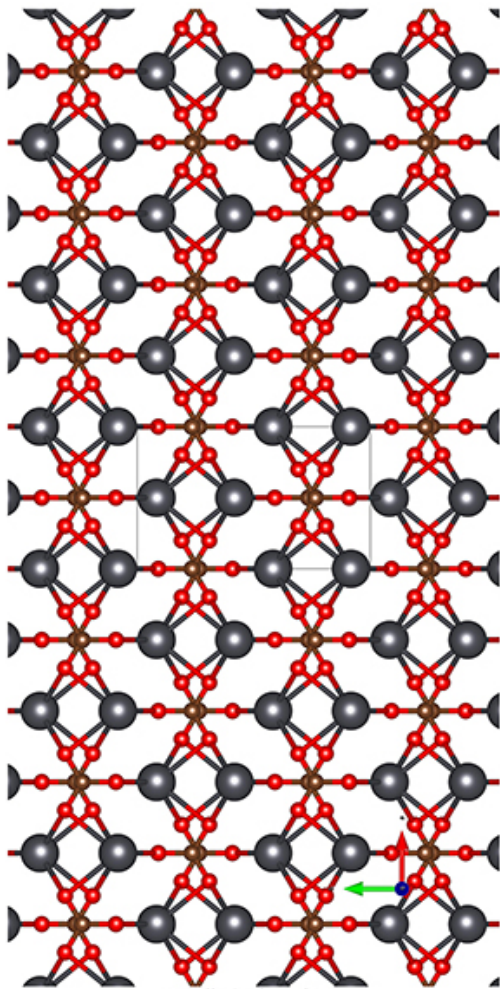
b-Stick-Mol-U.jpg



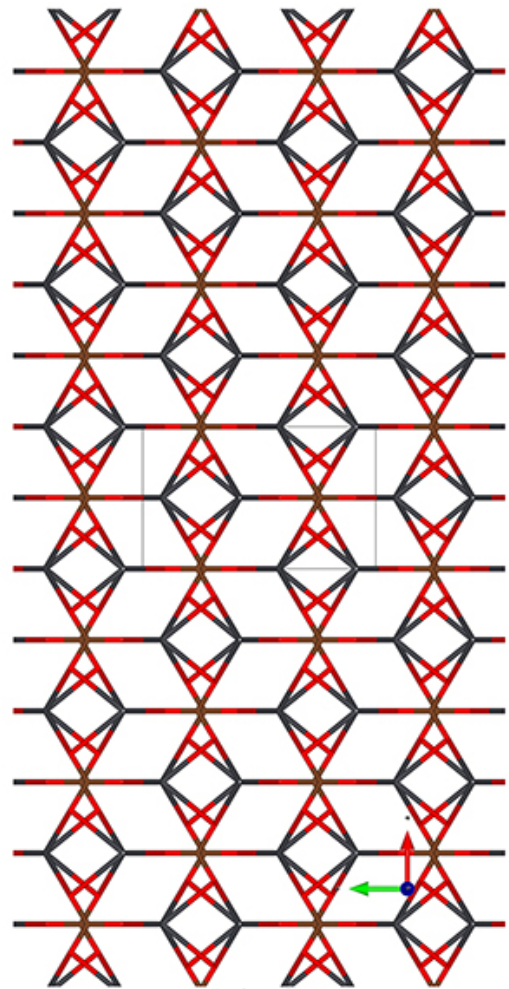
b-Ball&Stick-Mol.jpg



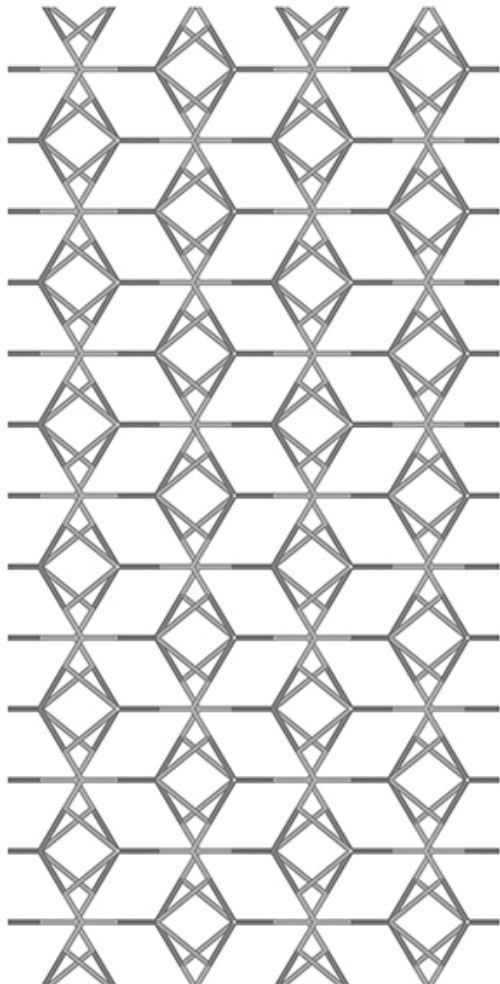
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c-Ball&Stick-Mol.jpg

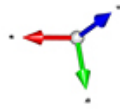
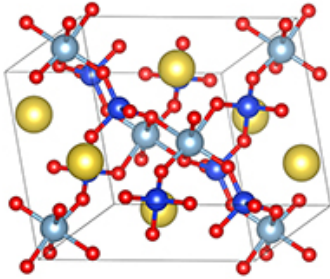


c-Stick-Mol.jpg

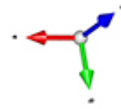
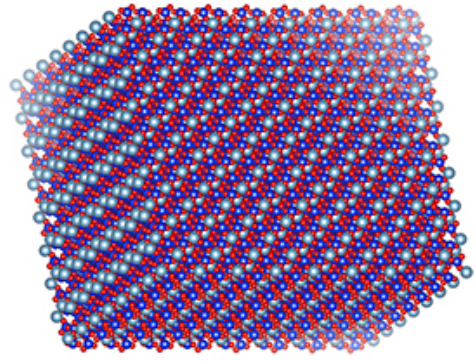


c-Stick-Mol-U.jpg

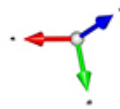
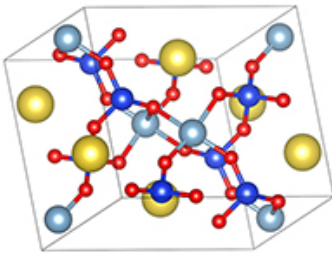
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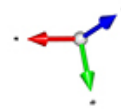
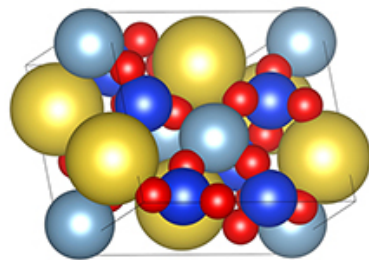
3D-Ball&Stick-Large.jpg



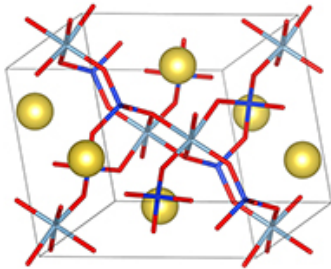
3D-Ball-Mol.jpg



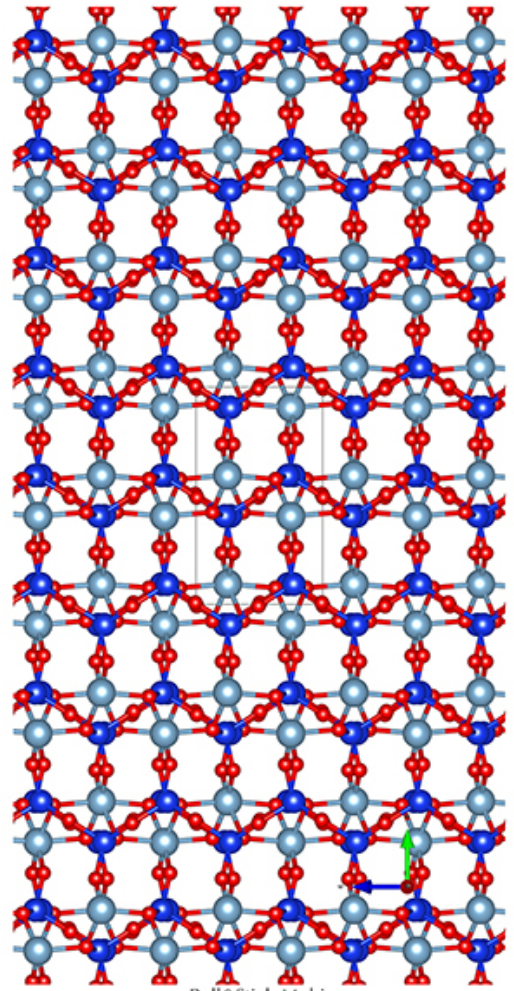
3D-Ball&Stick.jpg



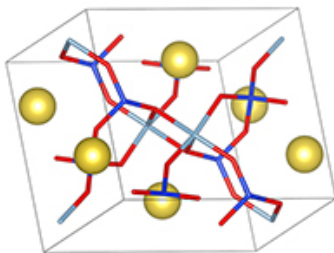
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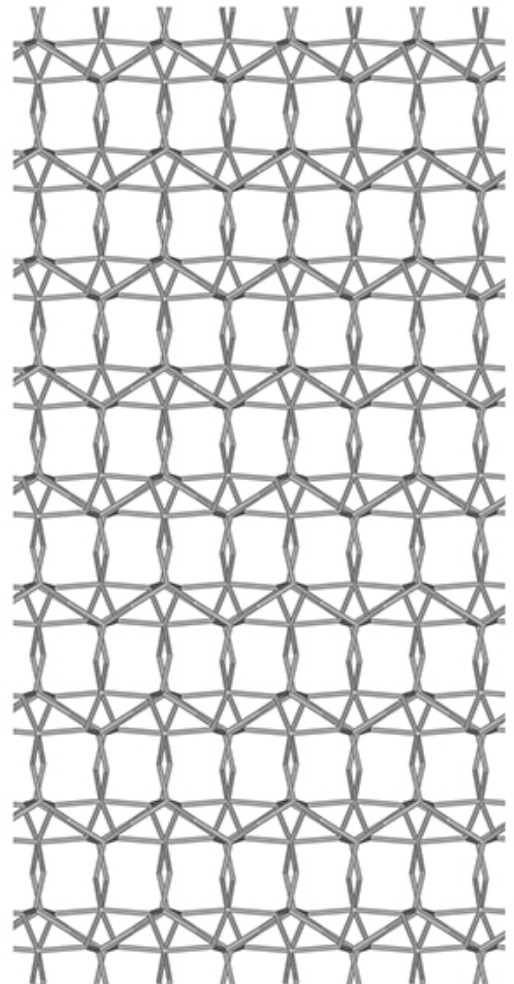
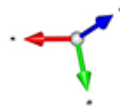
3D-Stick-Large.jpg



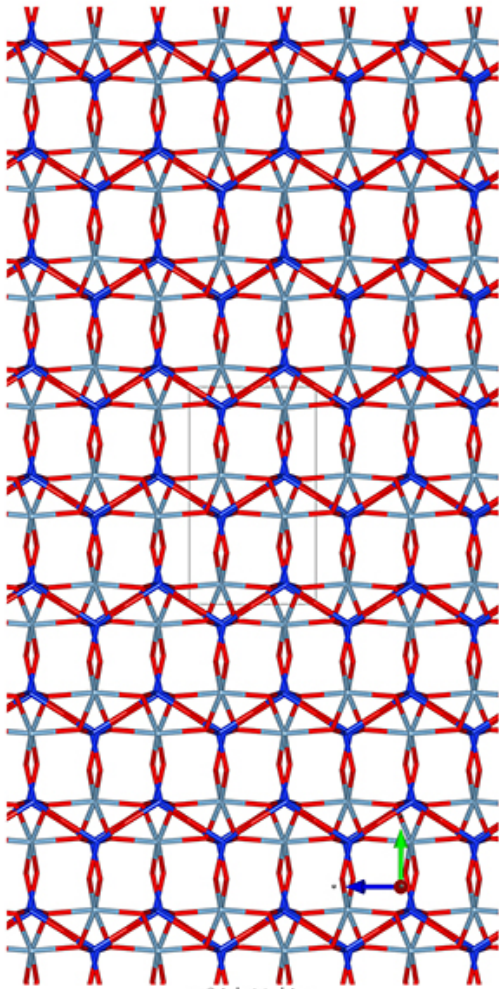
a-Ball&Stick-Mol.jpg



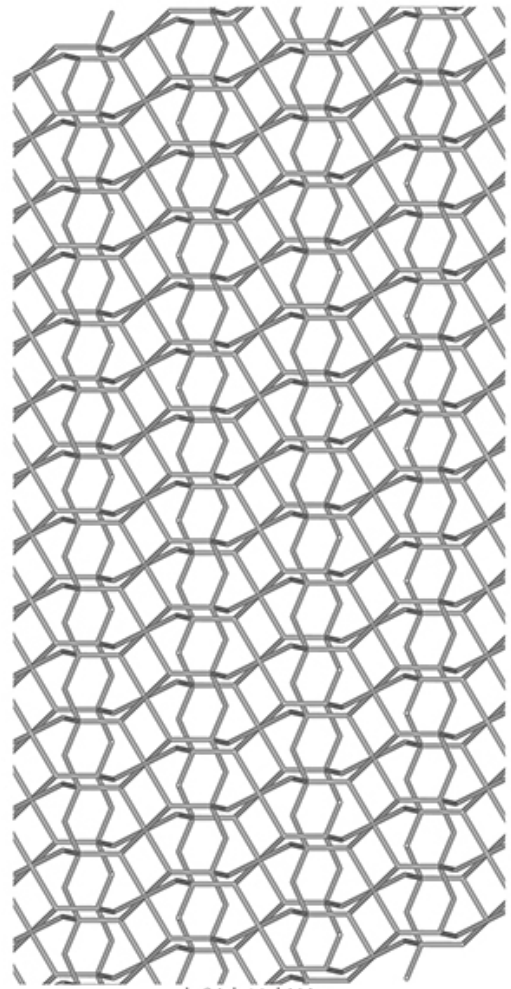
3D-Stick.jpg



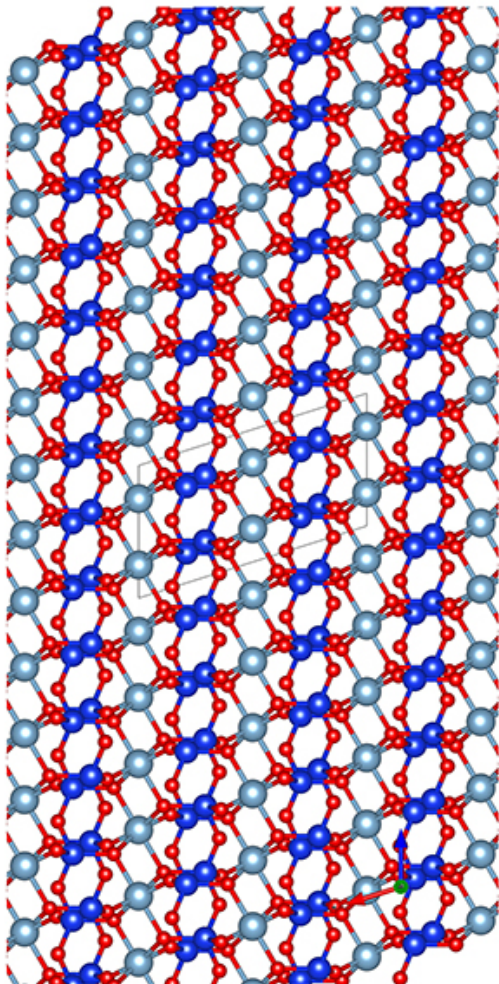
a-Stick-Mol-U.jpg



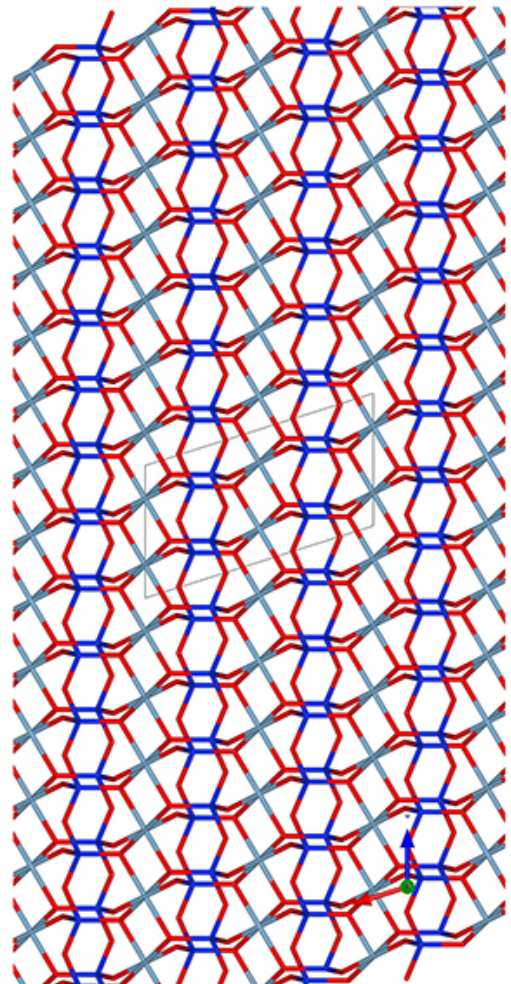
a-Stick-Mol.jpg



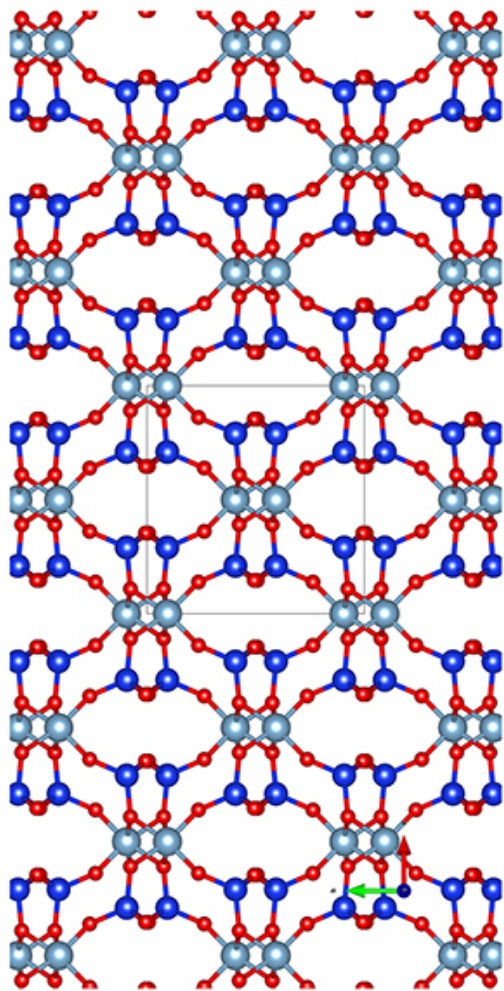
b-Stick-Mol-U.jpg



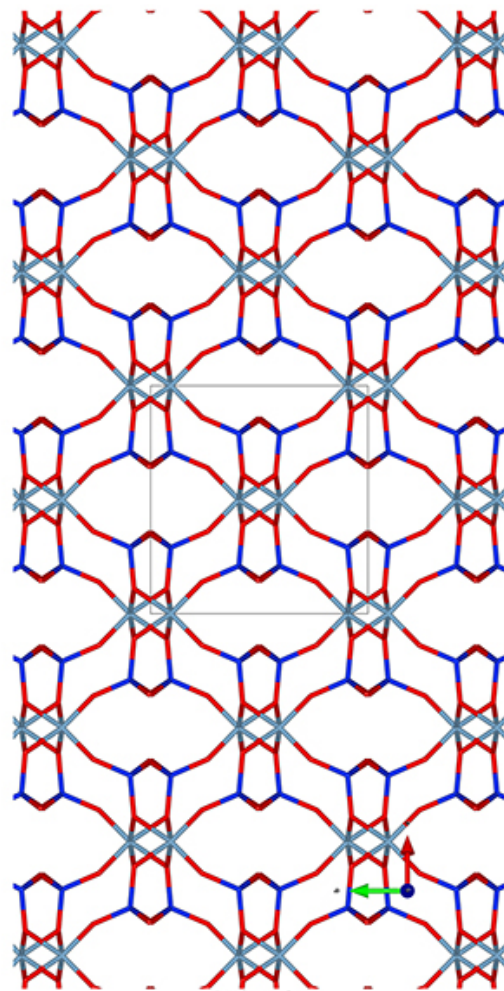
b-Ball&Stick-Mol.jpg



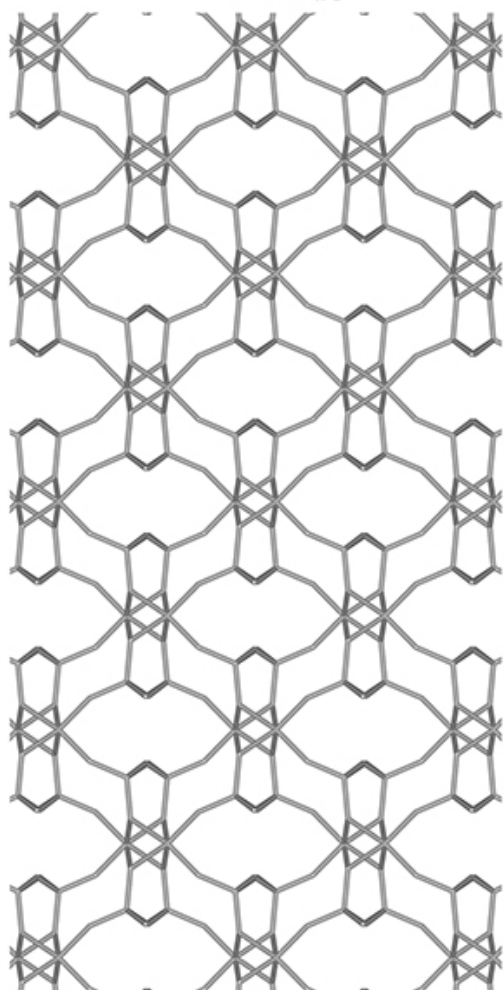
b-Stick-Mol.jpg



c-Ball&Stick-Mol.jpg

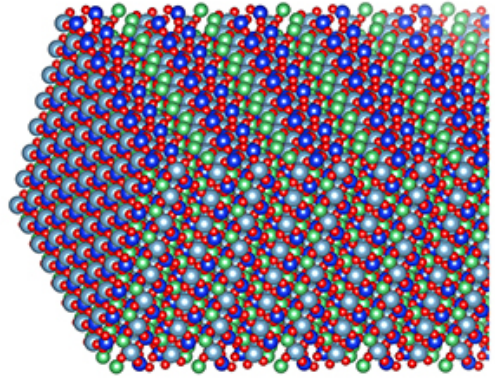
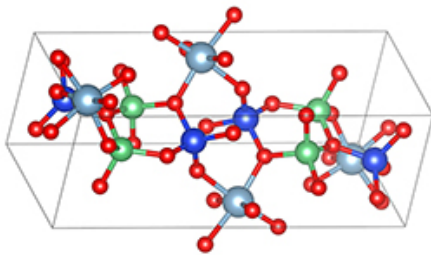


c-Stick-Mol.jpg



c-Stick-Mol-U.jpg

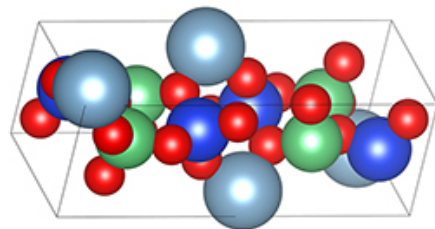
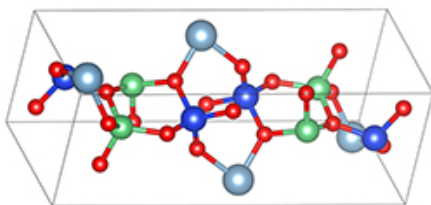
EUCLASE



3D-Ball&Stick-Large.jpg



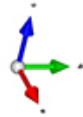
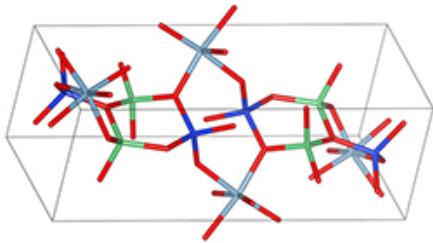
3D-Ball-Mol.jpg



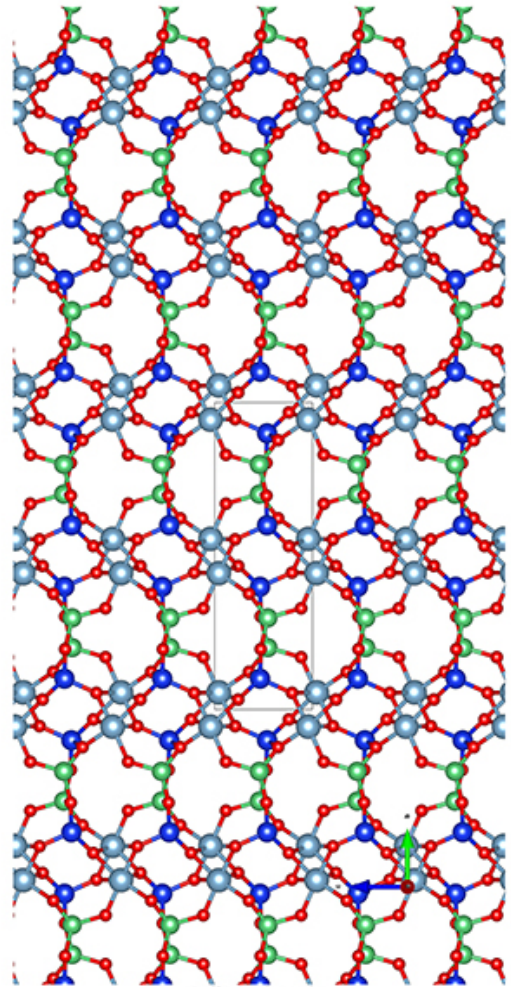
3D-Ball&Stick.jpg



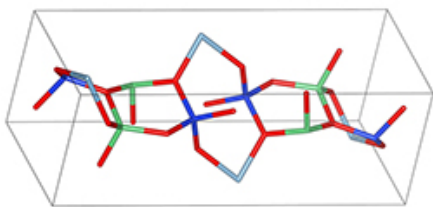
3D-Ball.jpg



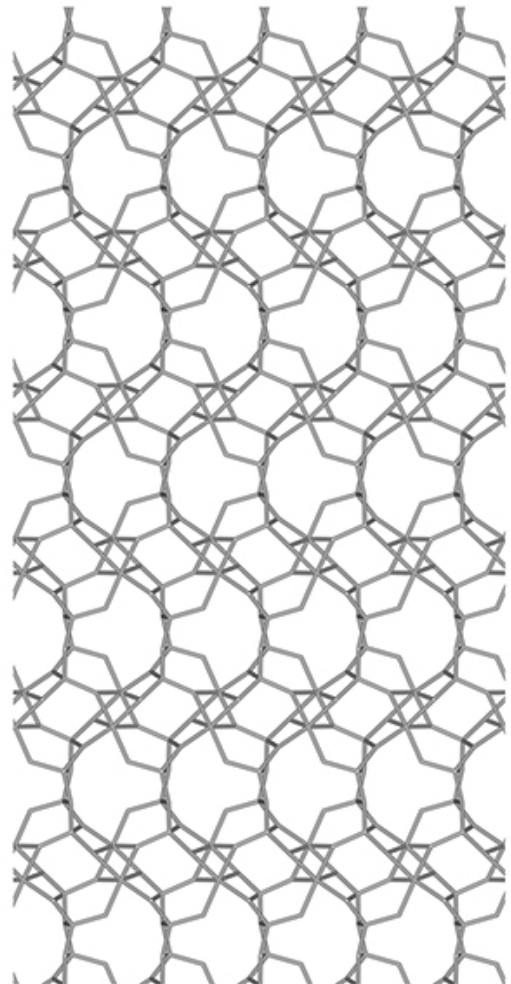
3D-Stick-Large.jpg



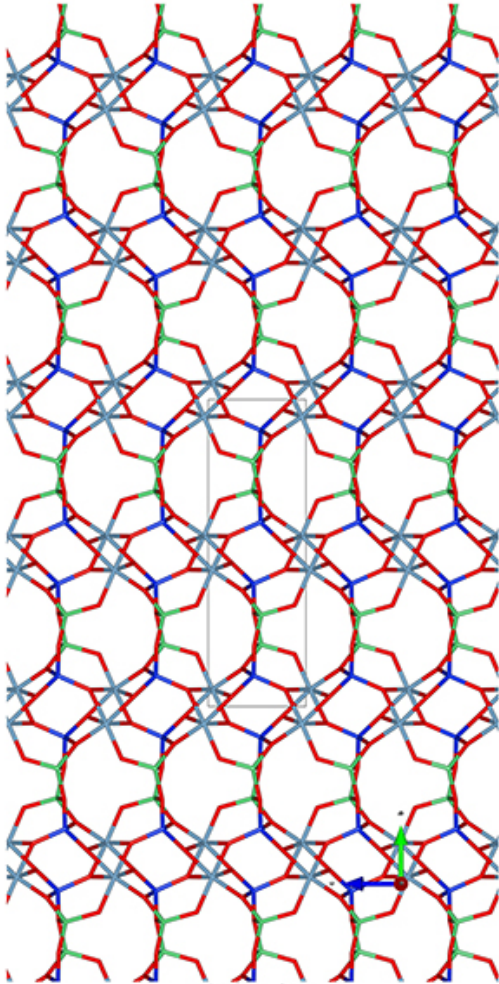
a-Ball&Stick-Mol.jpg



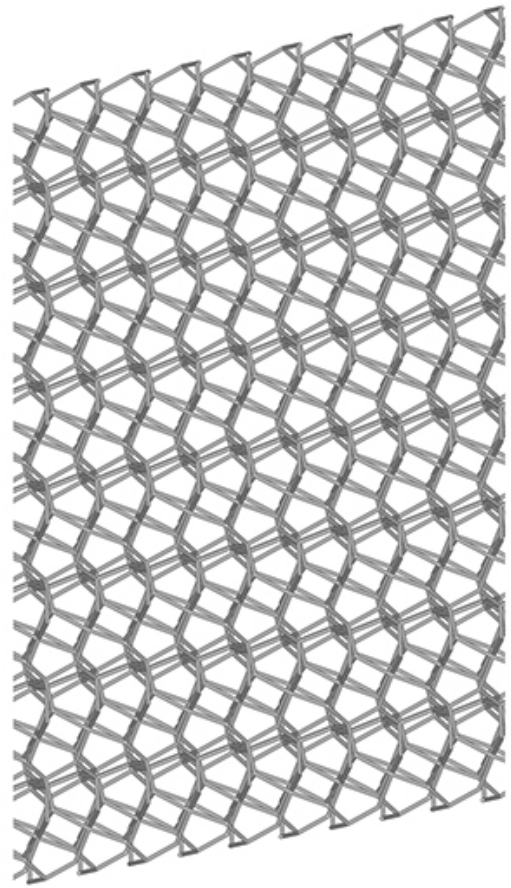
3D-Stick.jpg



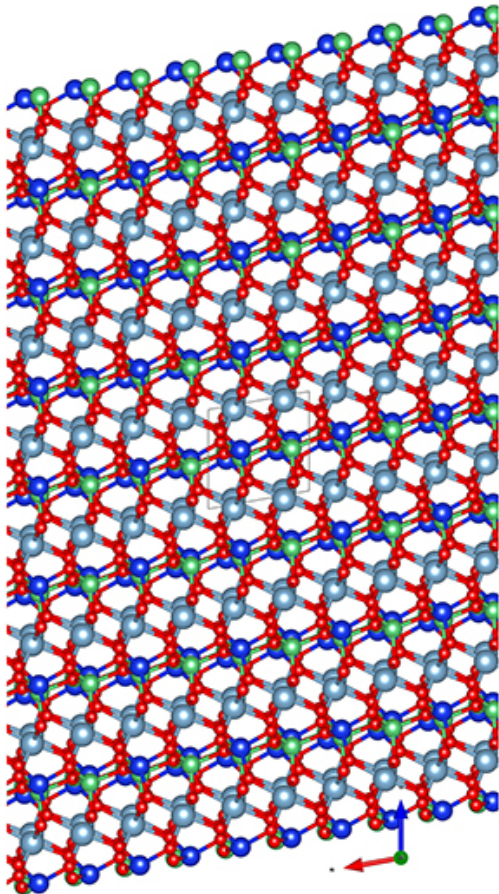
a-Stick-Mol-U.jpg



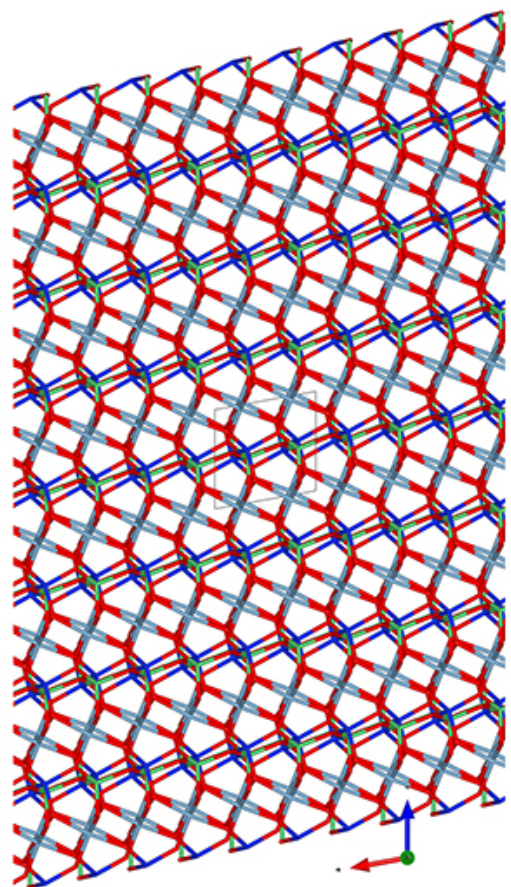
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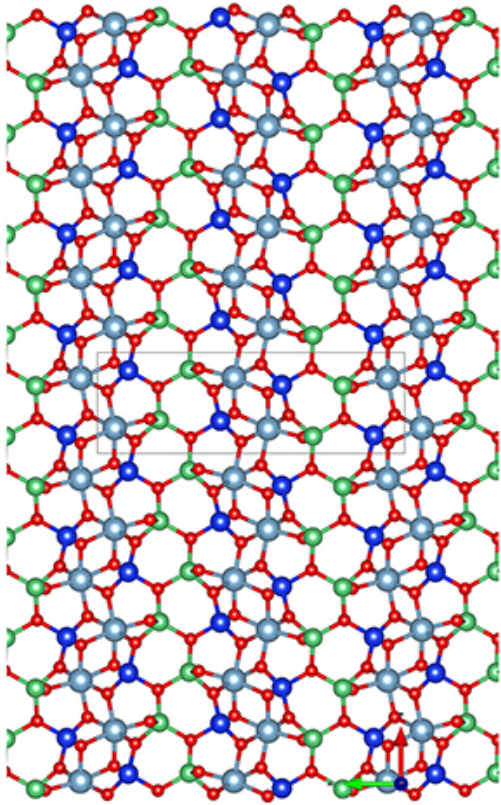
b-Stick-Mol-U.jpg



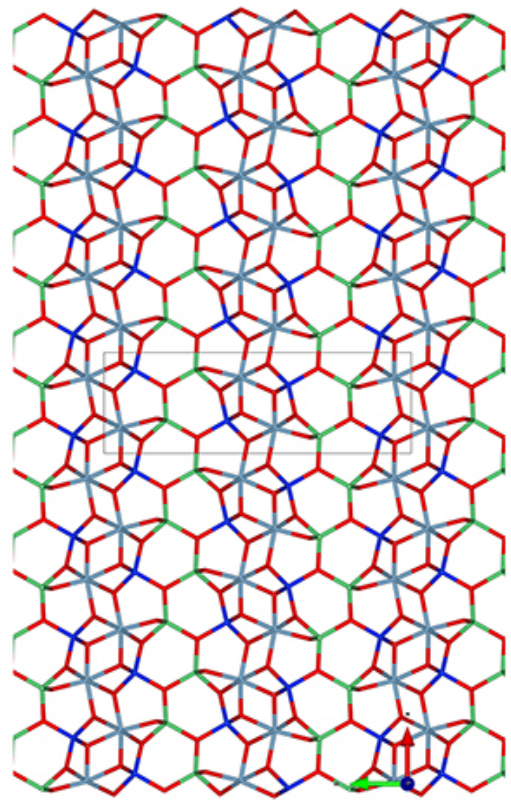
b-Ball&Stick-Mol.jpg



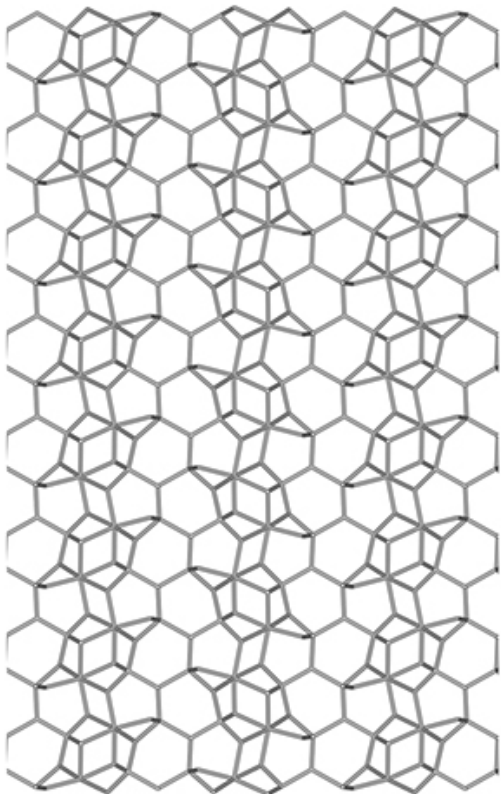
b-Stick-Mol.jpg



c-Ball&Stick-Mol.jpg

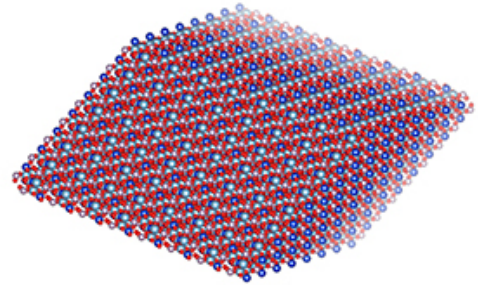
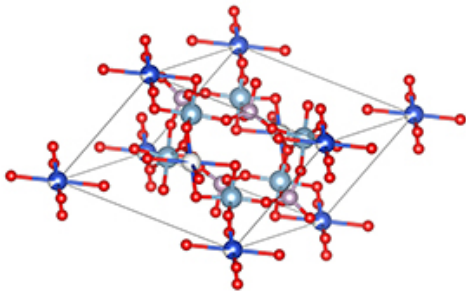


c-Stick-Mol.jpg



c-Stick-Mol-U.jpg

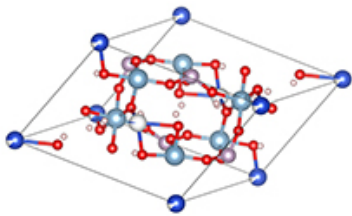
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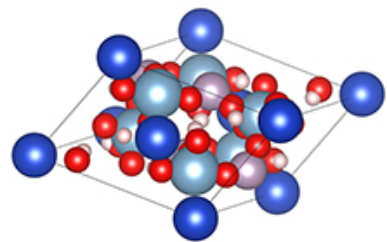
3D-Ball&Stick-Large.jpg



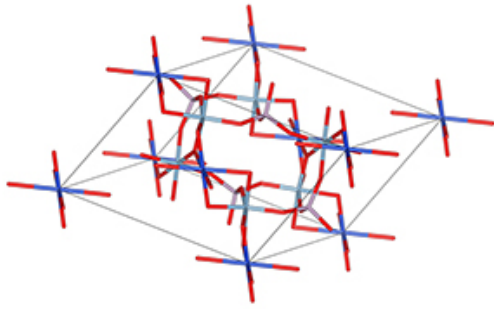
3D-Ball-Mol.jpg



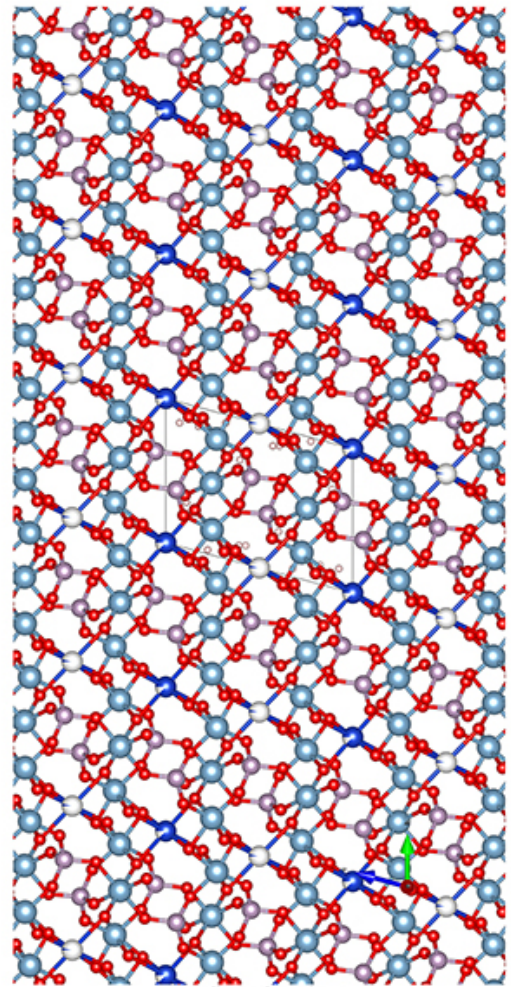
3D-Ball&Stick.jpg



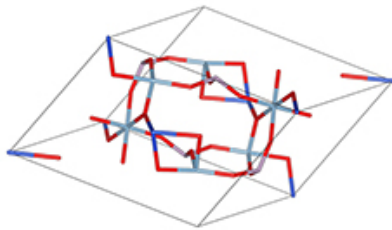
3D-Ball.jpg



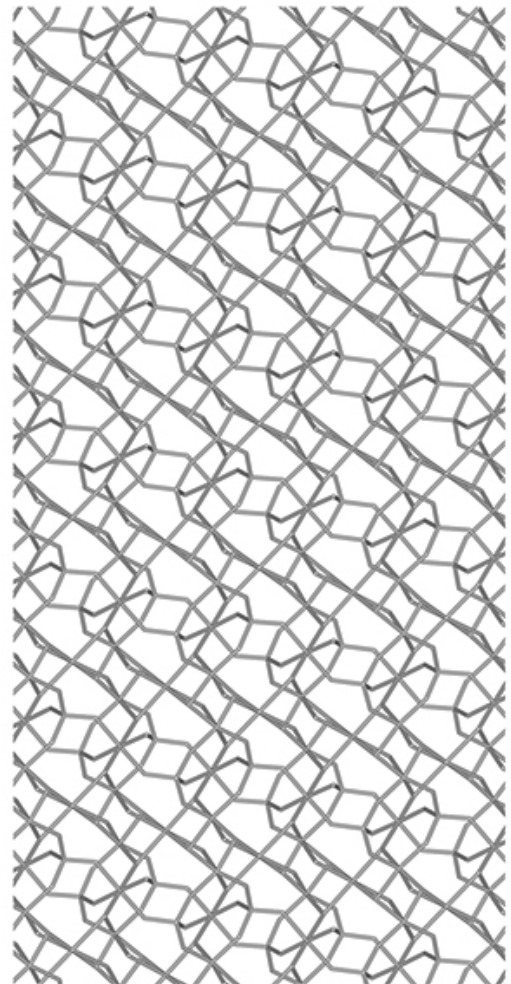
3D-Stick-Large.jpg



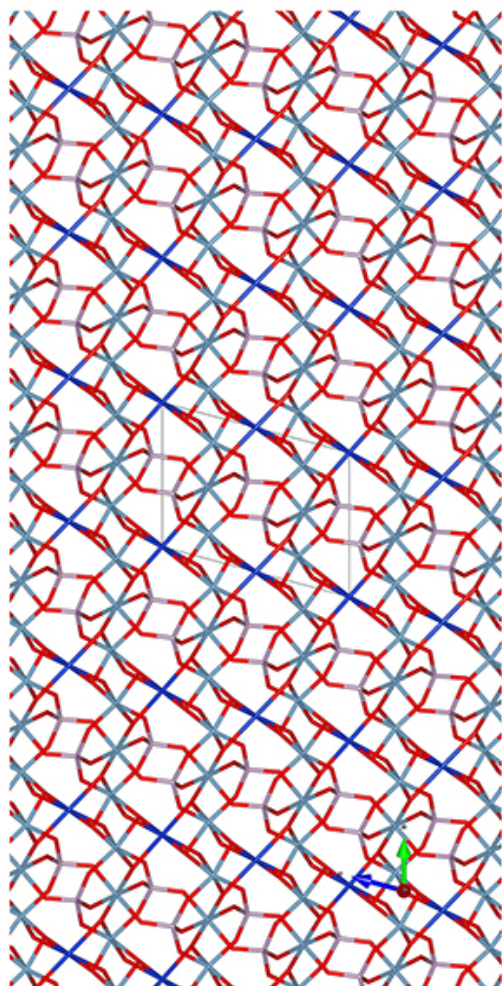
a-Ball&Stick-Mol.jpg



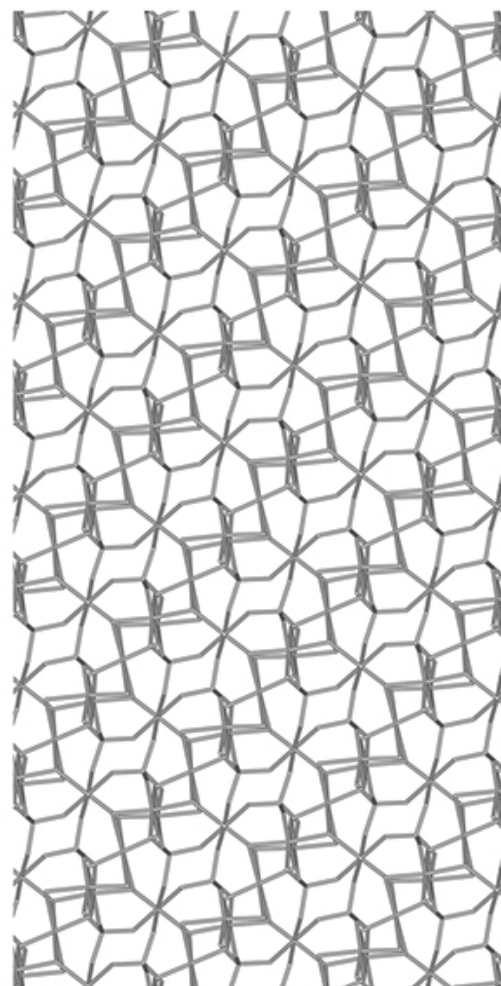
3D-Stick.jpg



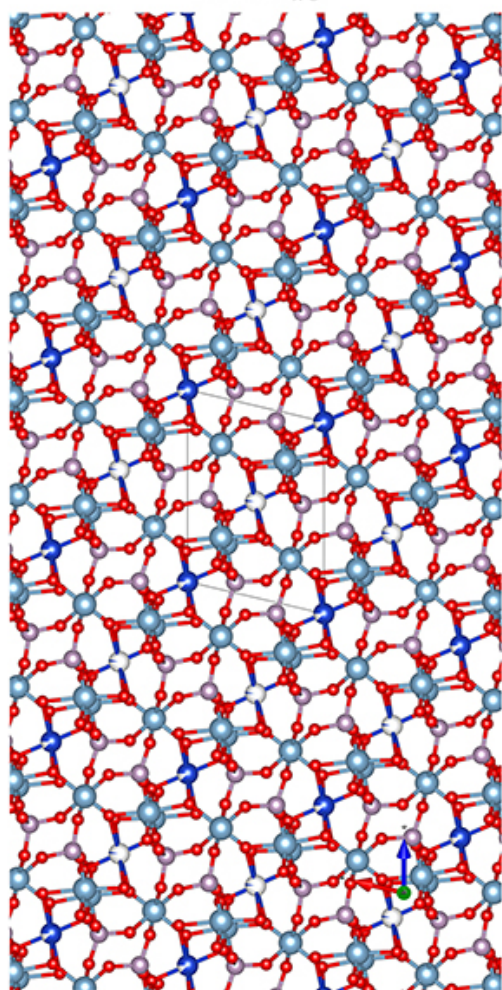
a-Stick-Mol-U.jpg



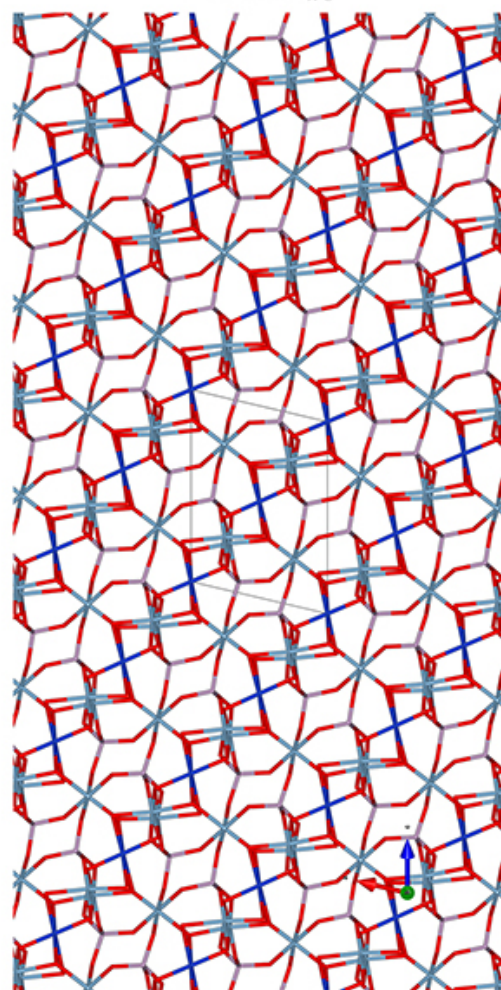
a-Stick-Mol.jpg



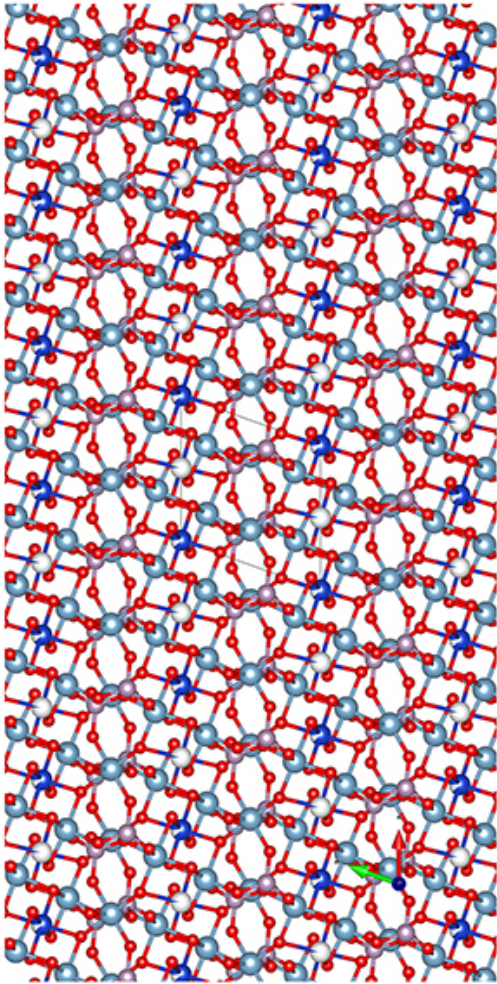
b-Stick-Mol-U.jpg



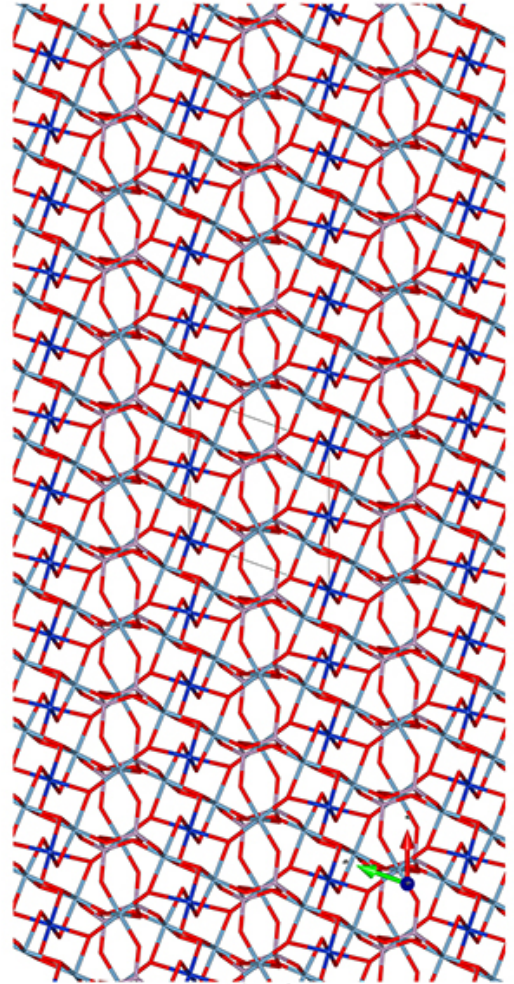
b-Ball&Stick-Mol.jpg



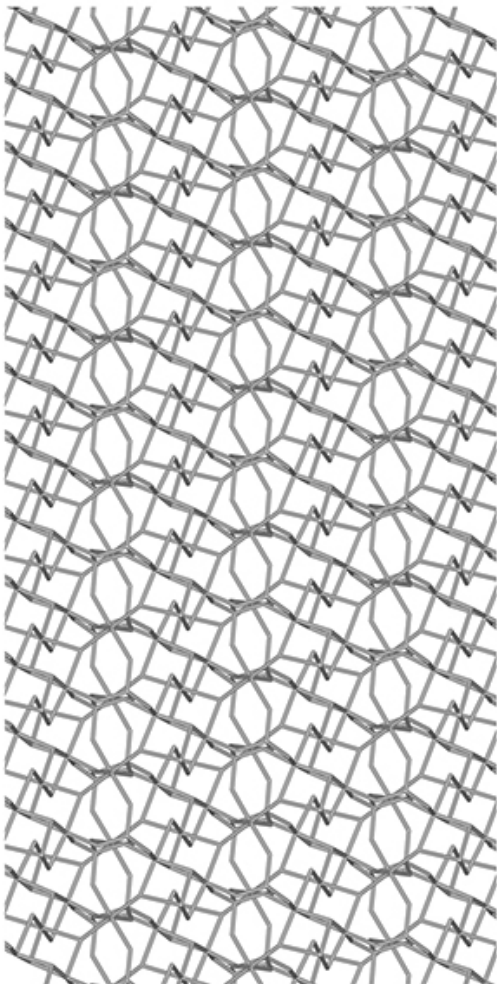
b-Stick-Mol.jpg



c-Ball&Stick-Mol.jpg

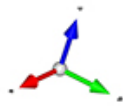
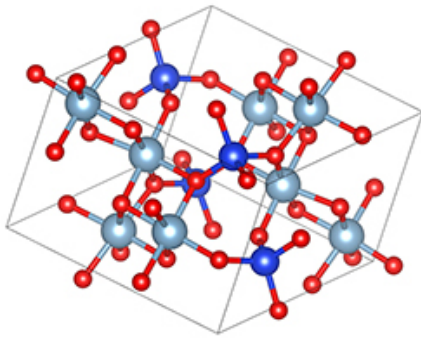


c-Stick-Mol.jpg

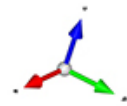
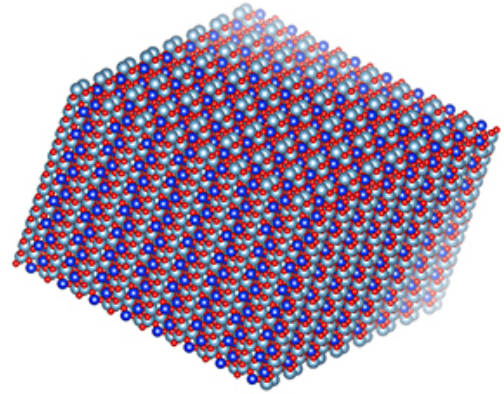


c-Stick-Mol-U.jpg

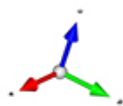
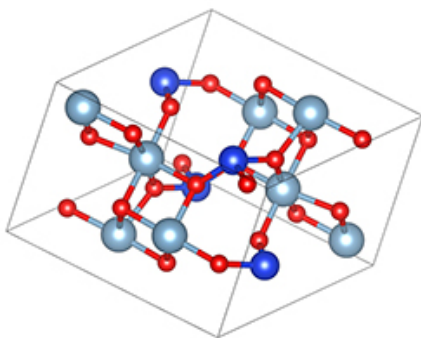
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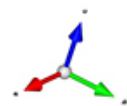
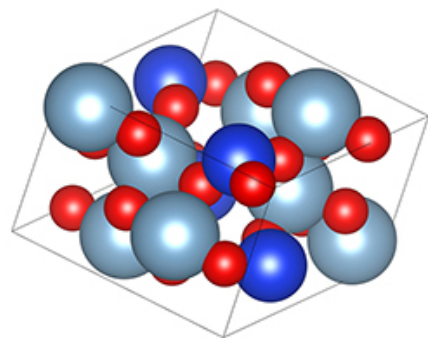
3D-Ball&Stick-Large.jpg



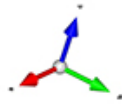
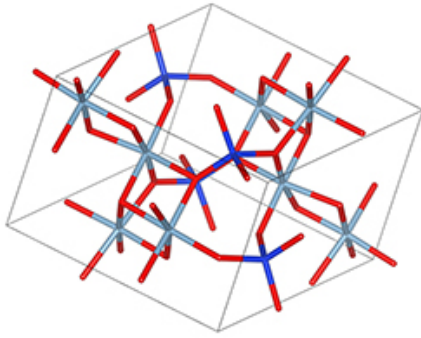
3D-Ball-Mol.jpg



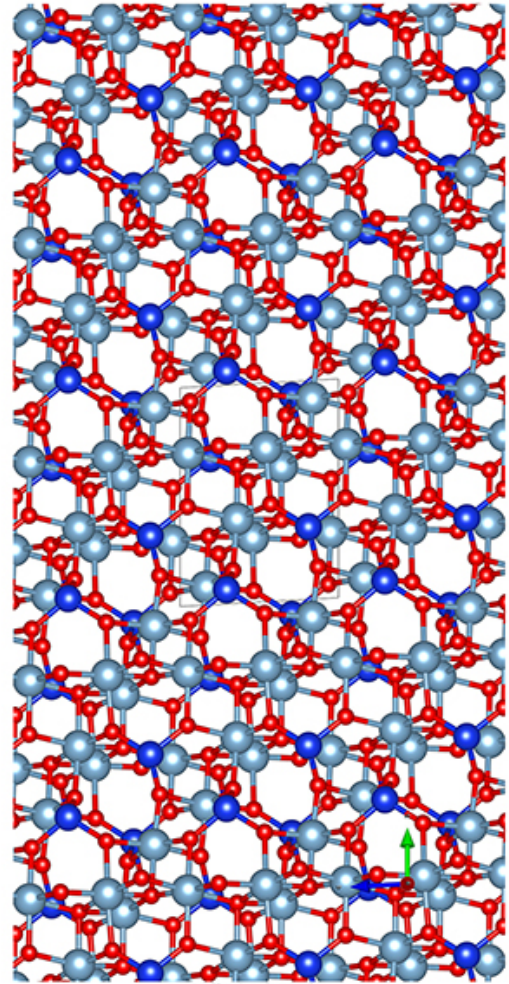
3D-Ball&Stick.jpg



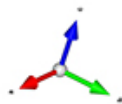
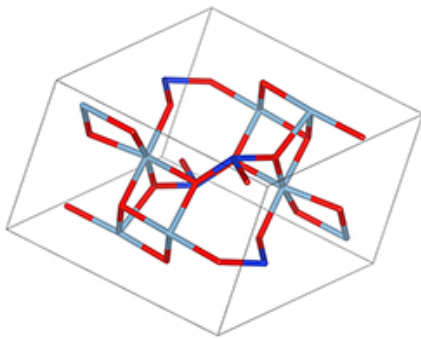
3D-Ball.jpg



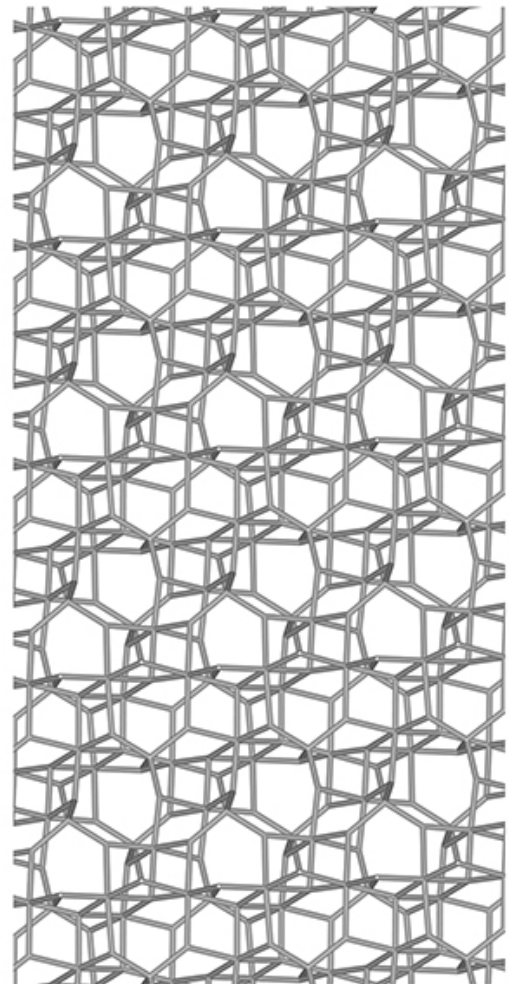
3D-Stick-Large.jpg



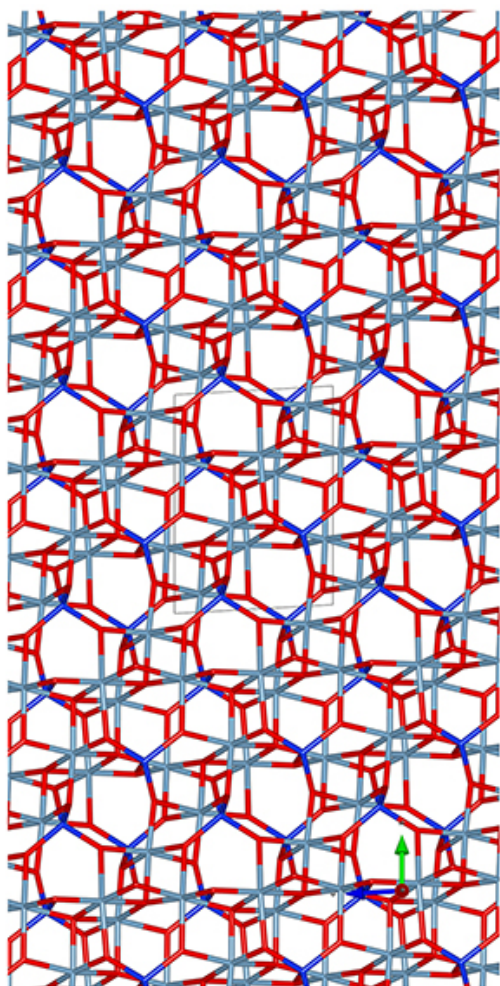
a-Ball&Stick-Mol.jpg



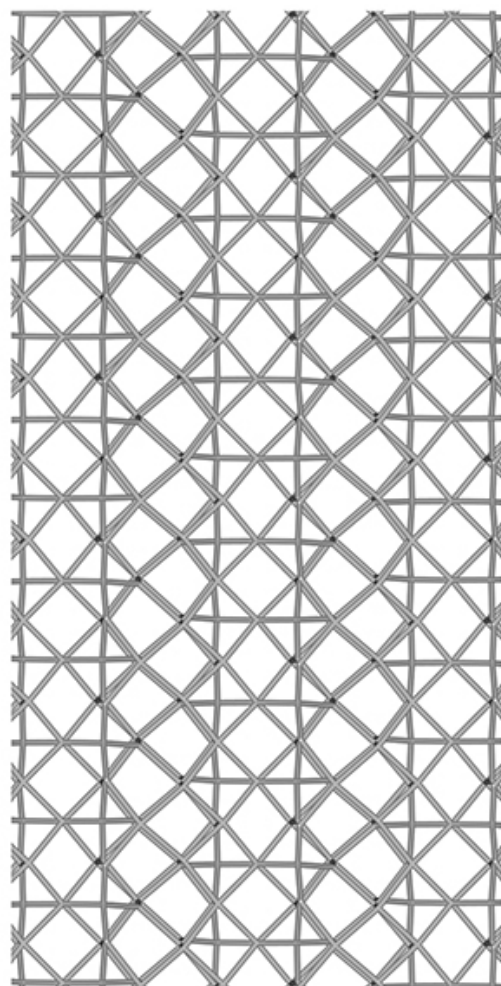
3D-Stick.jpg



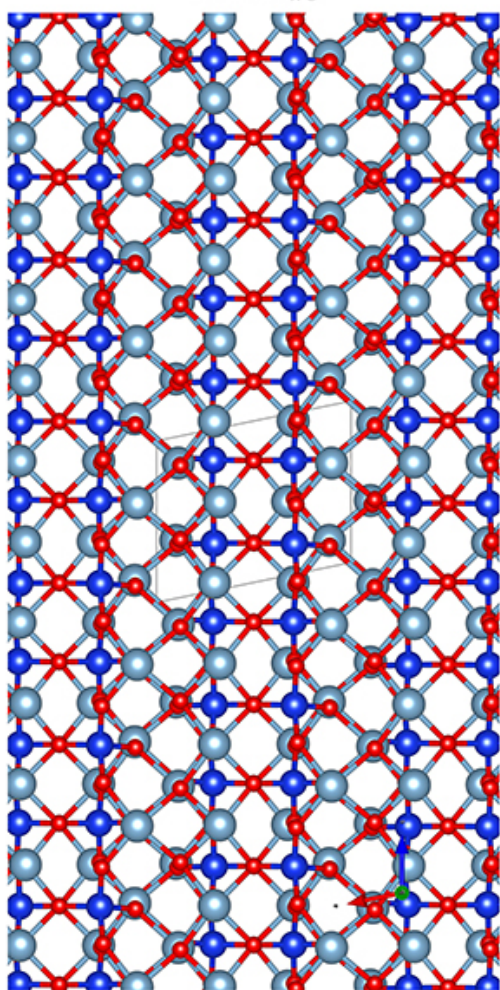
a-Stick-Mol-U.jpg



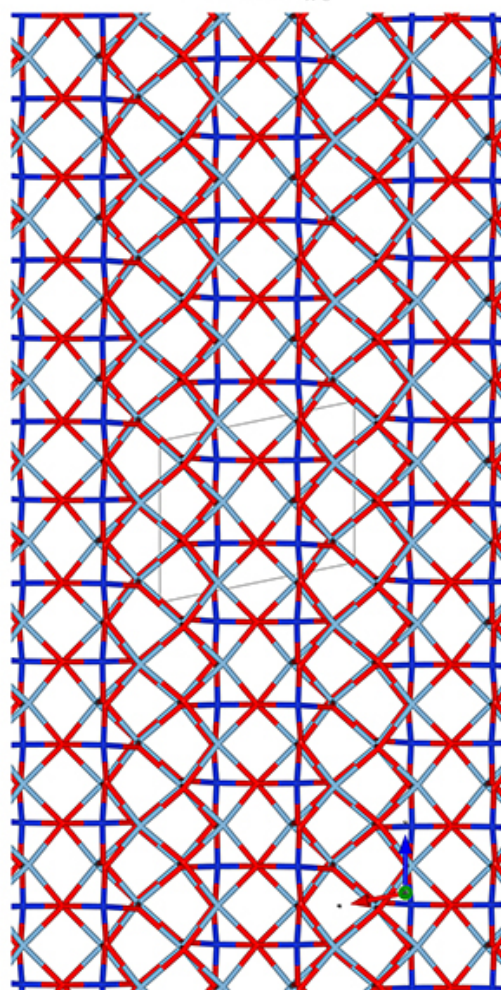
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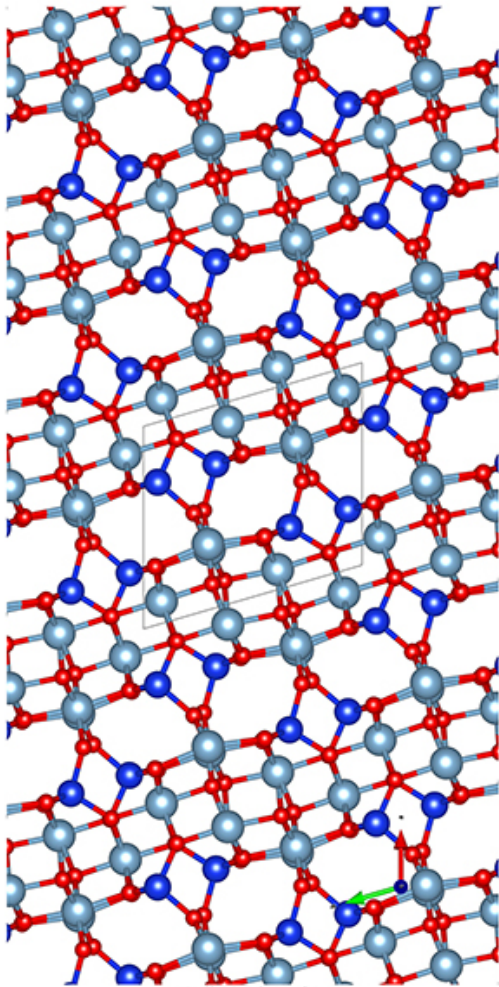
b-Stick-Mol-U.jpg



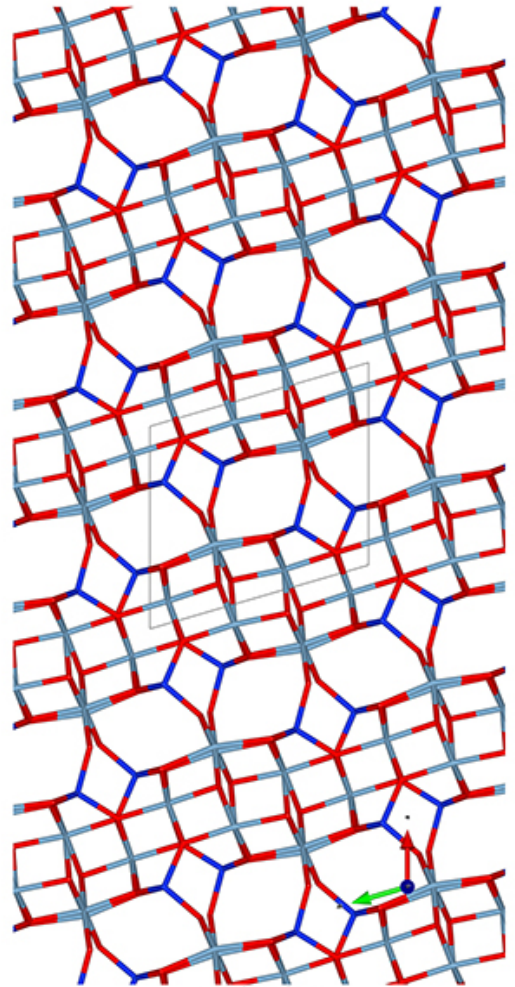
b-Ball&Stick-Mol.jpg



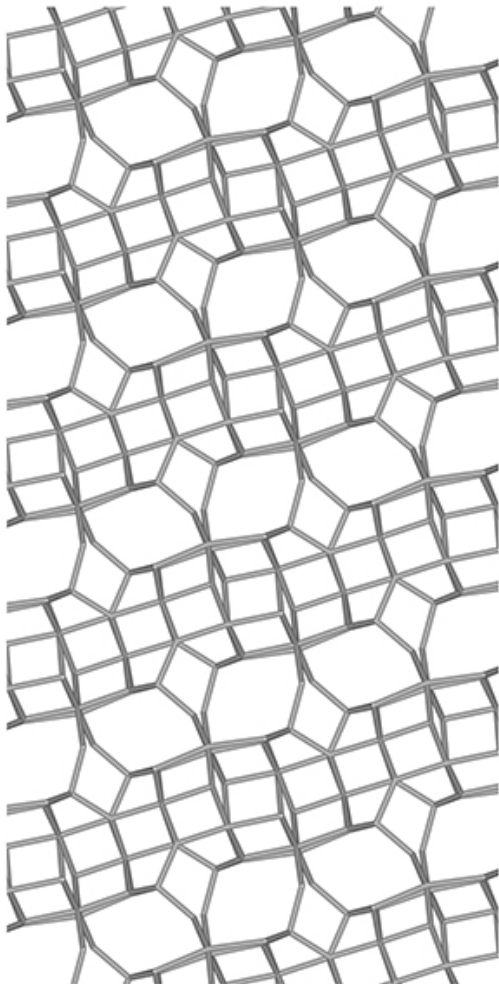
b-Stick-Mol.jpg



c-Ball&Stick-Mol.jpg



c-Stick-Mol.jpg



c-Stick-Mol-U.jpg