

Schrodinger Equation

Dependencies

```
python3 --version
```

```
>>> 3.5.0 and above
```

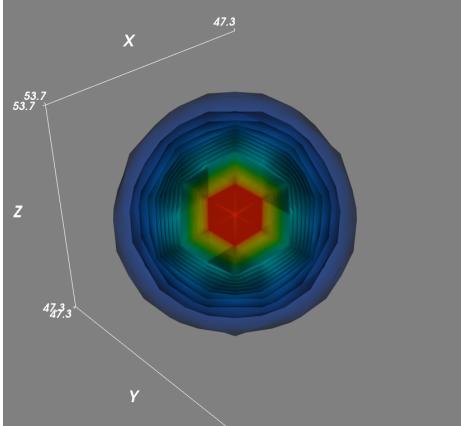
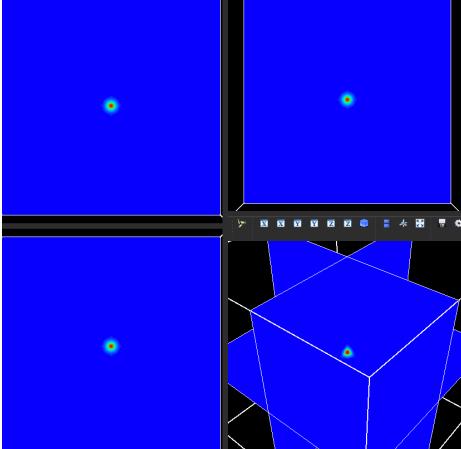
```
pip3 install --upgrade numpy  
pip3 install --upgrade scipy  
pip3 install --upgrade mayavi  
pip3 install --upgrade PyQt5
```

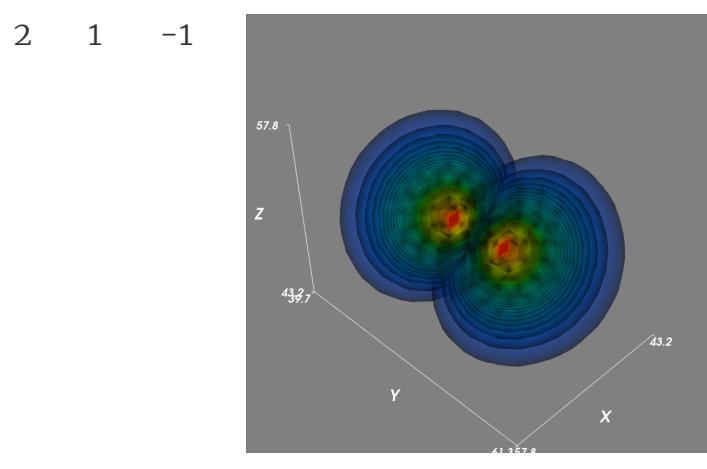
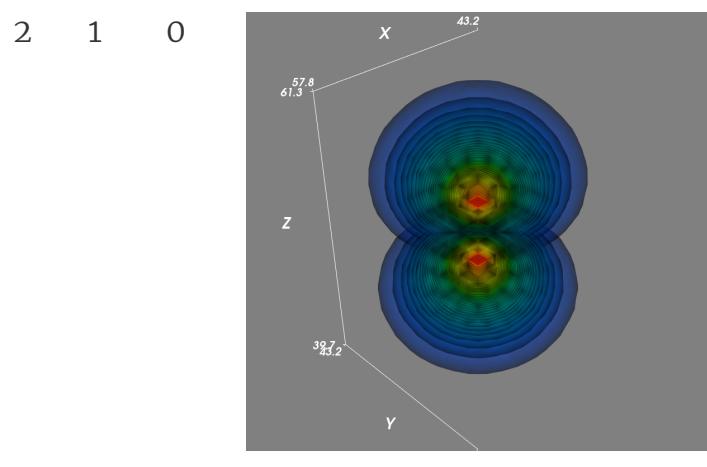
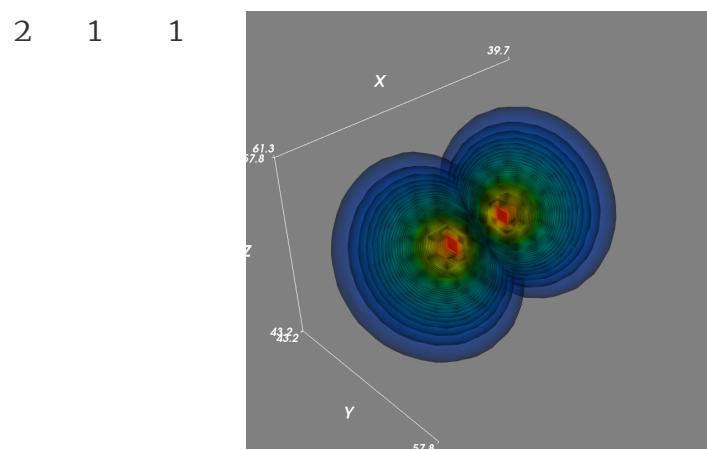
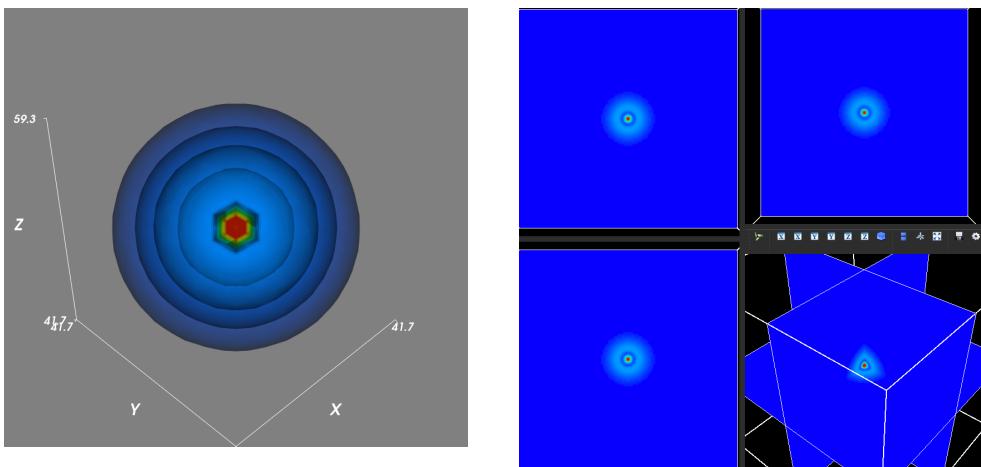
Orbital Visualisation

n: Principal Quantum Number

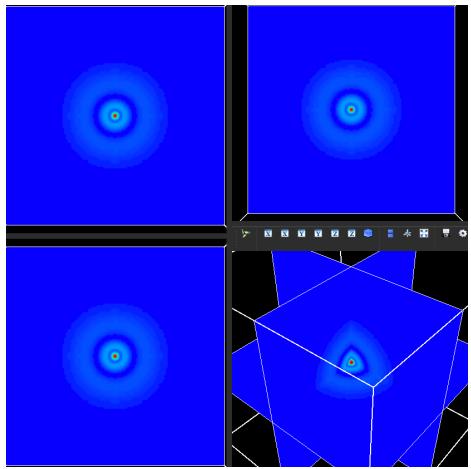
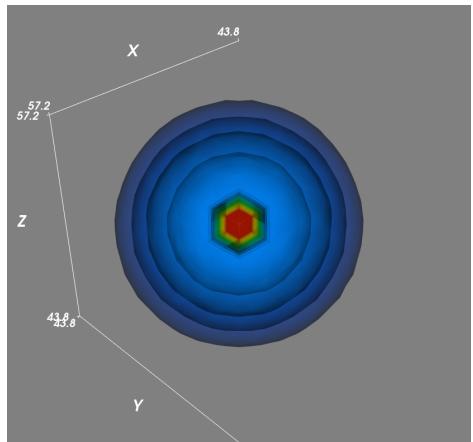
l: Angular Momentum Quantum Number

m: Magnetic Quantum Number

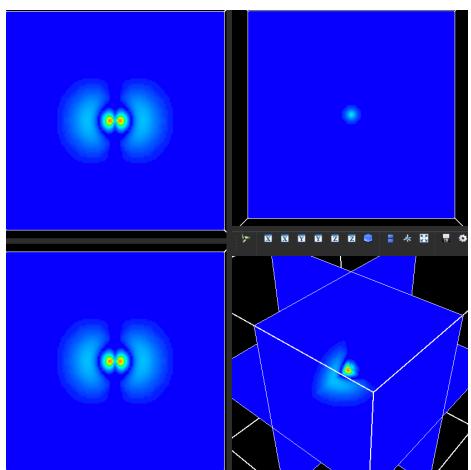
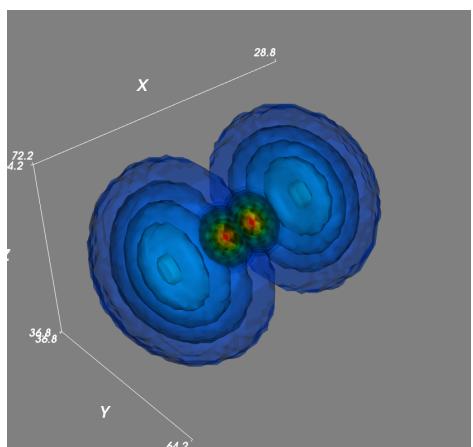
n	l	m	3D View	Section View
1	0	0		
2	0	0		



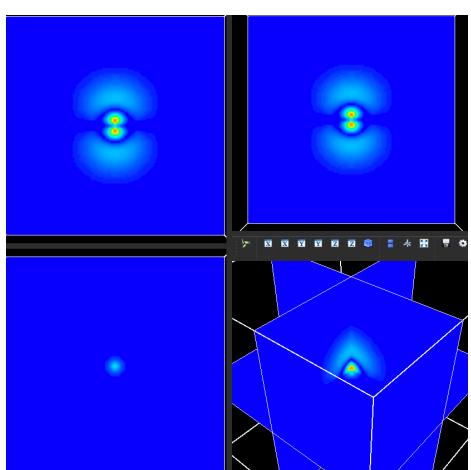
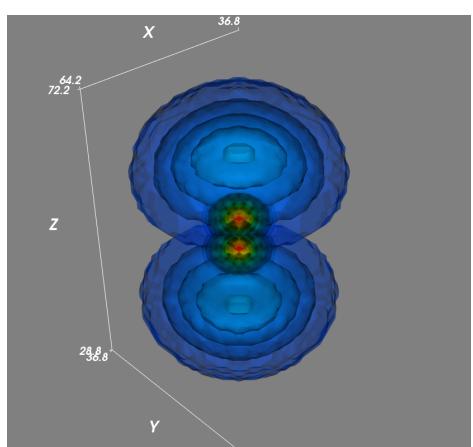
3 0 0



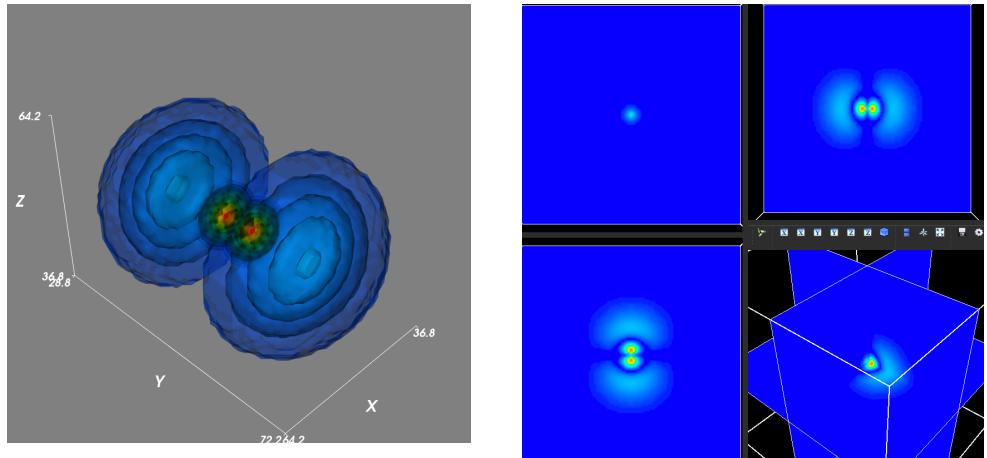
3 1 1



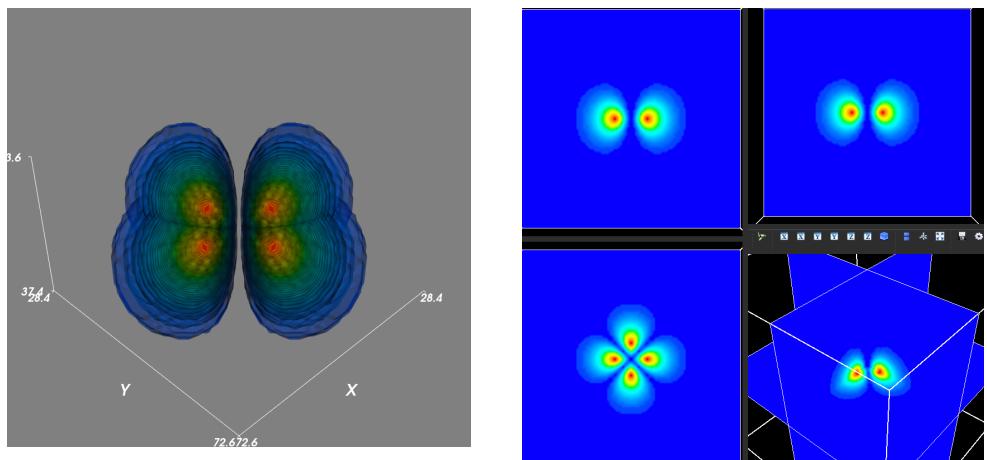
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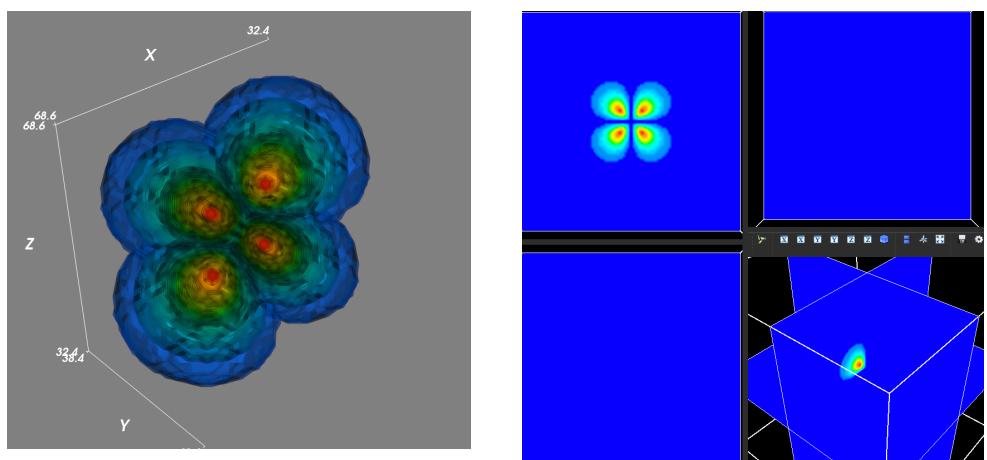
3 1 -1



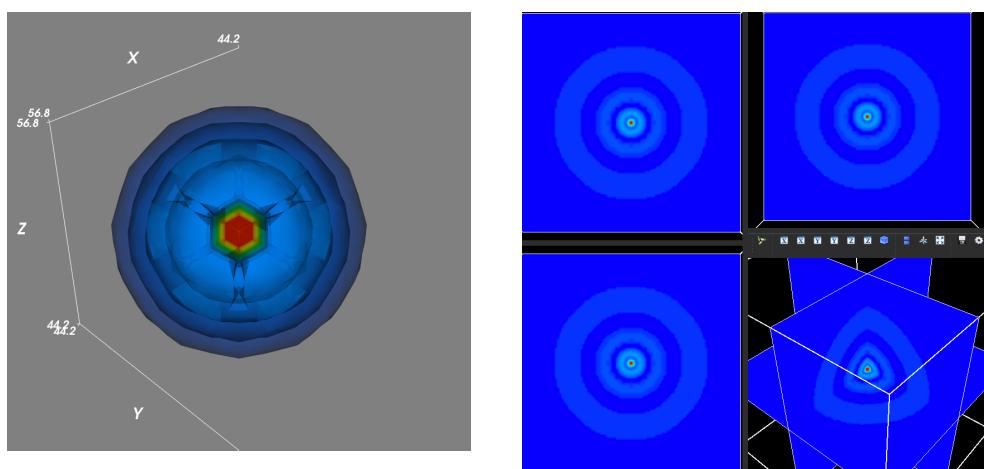
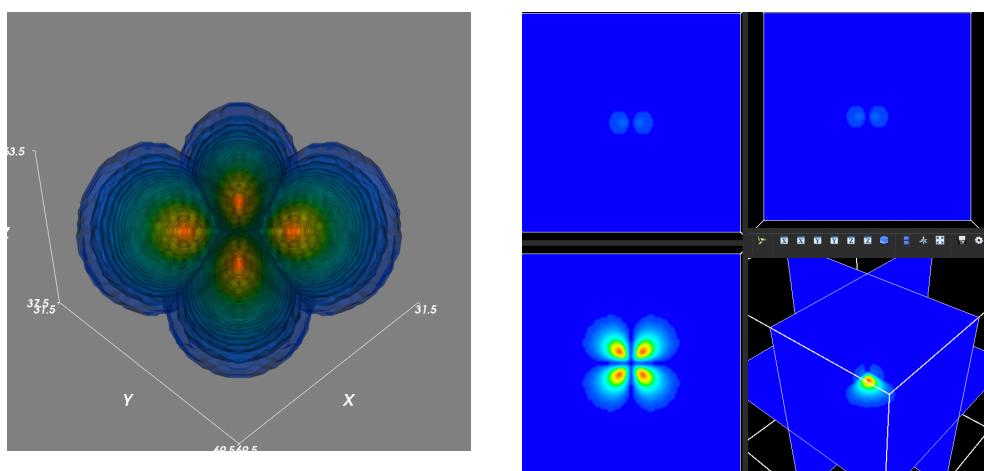
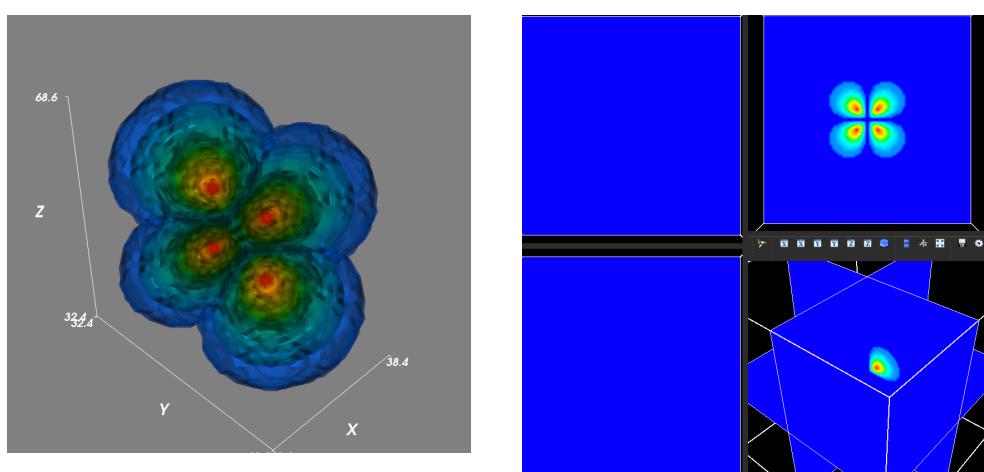
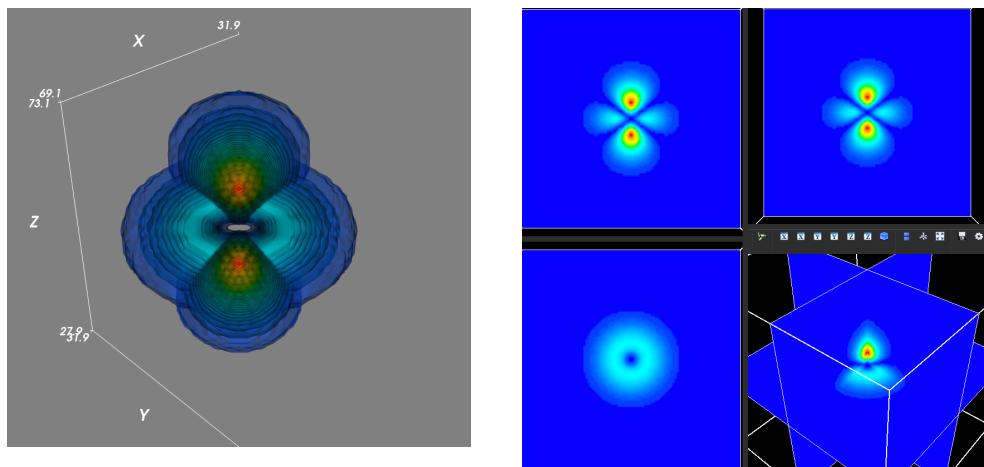
3 2 2



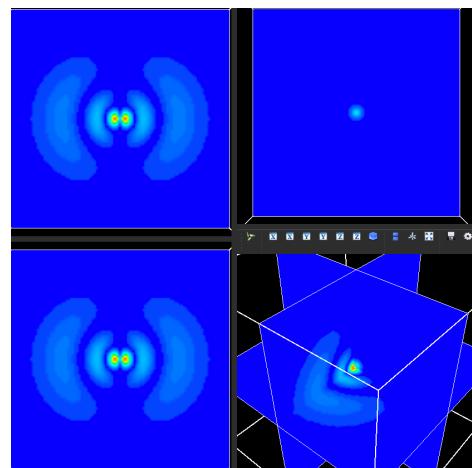
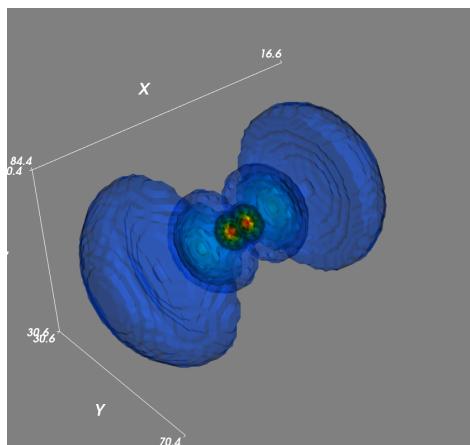
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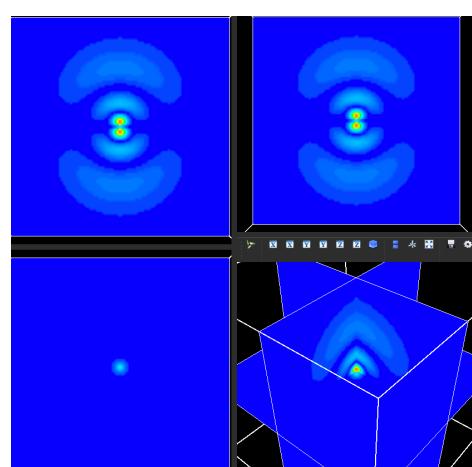
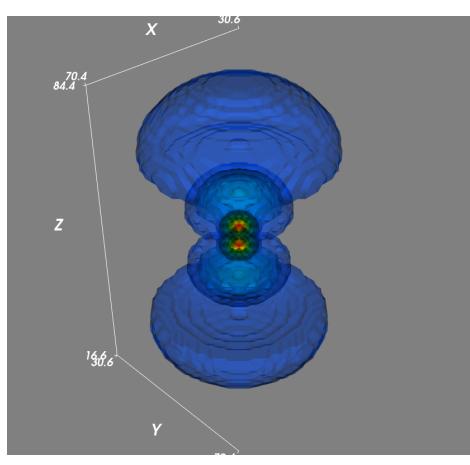
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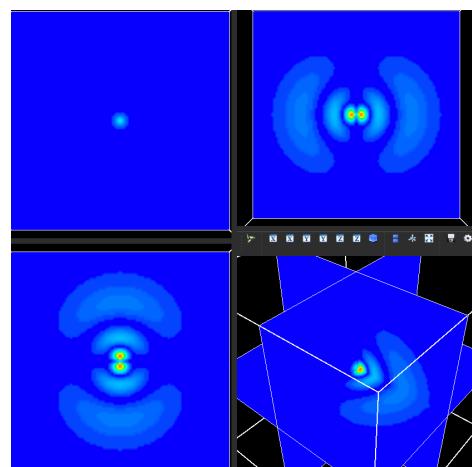
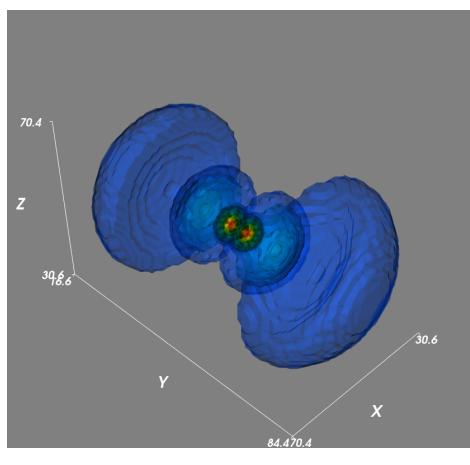
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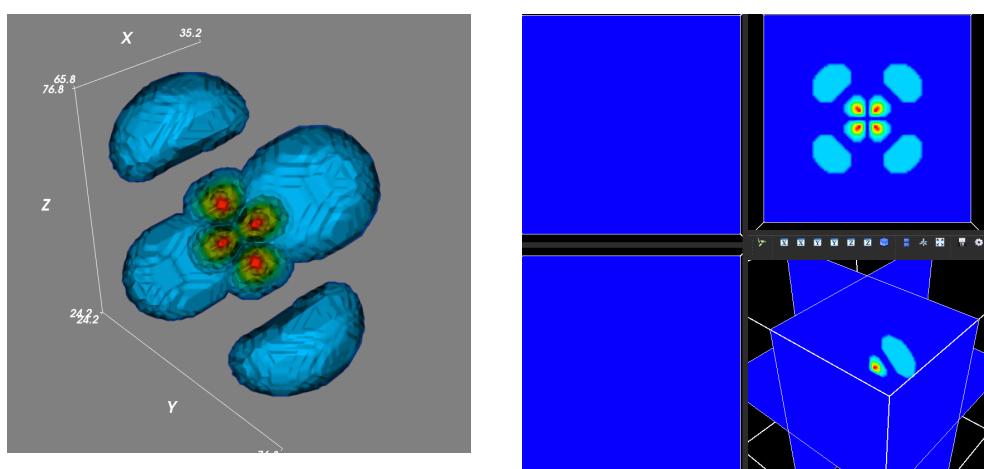
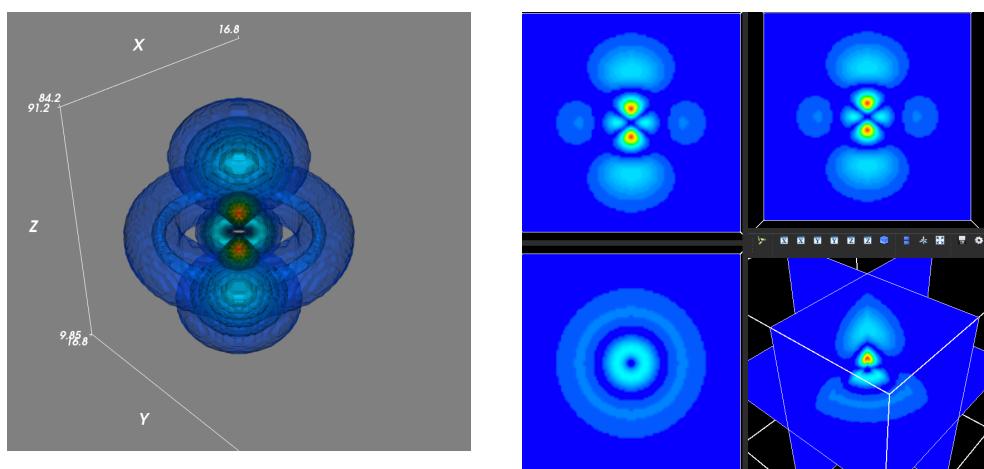
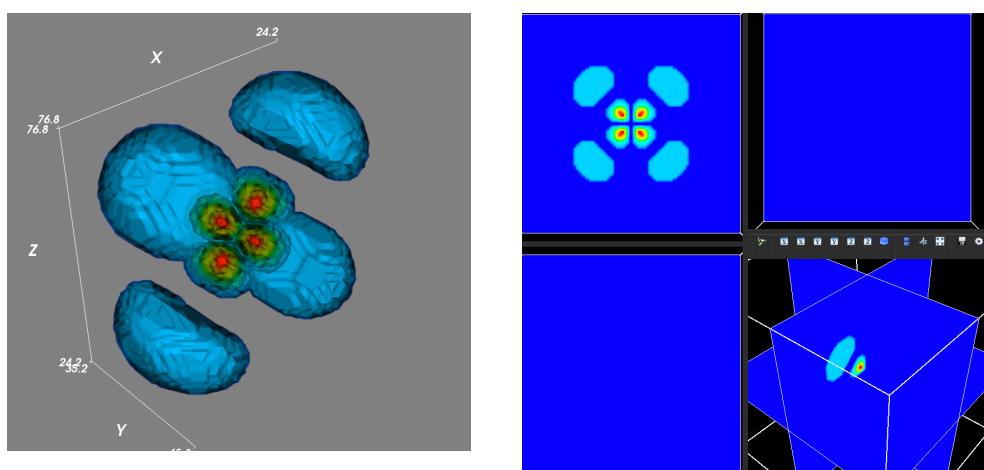
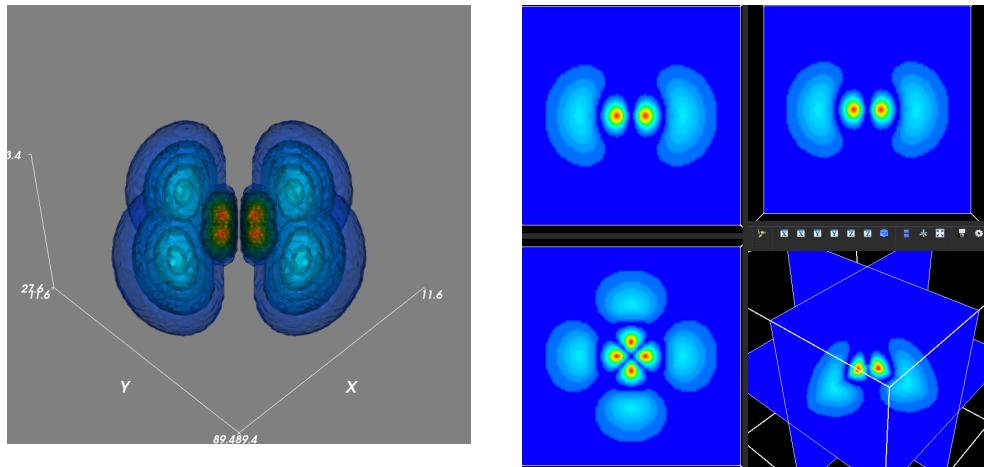
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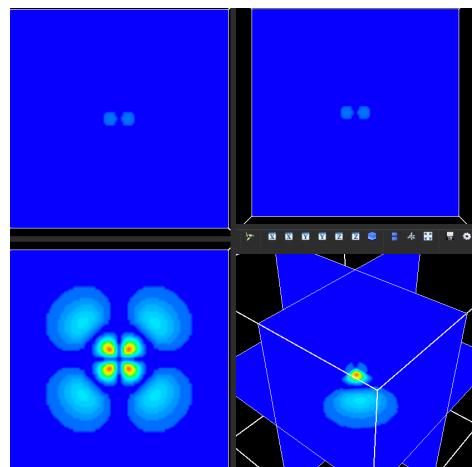
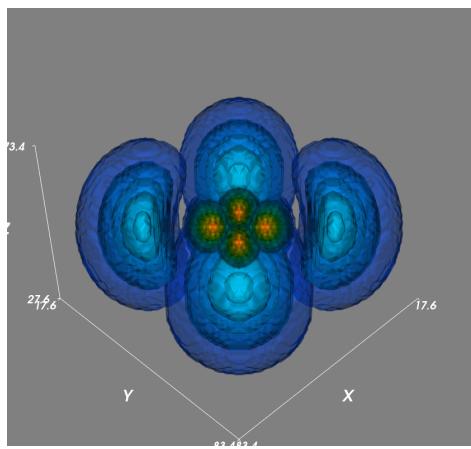
4 1 -1



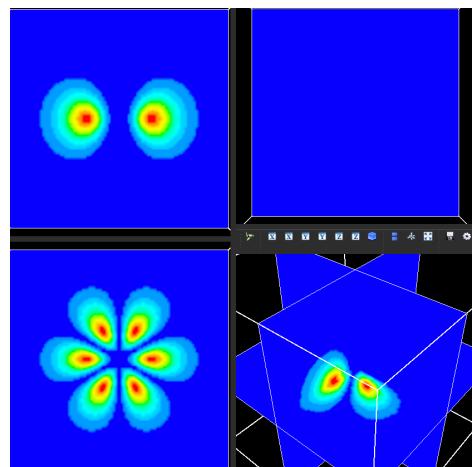
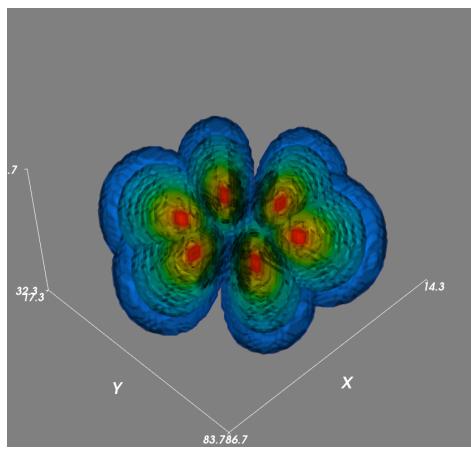
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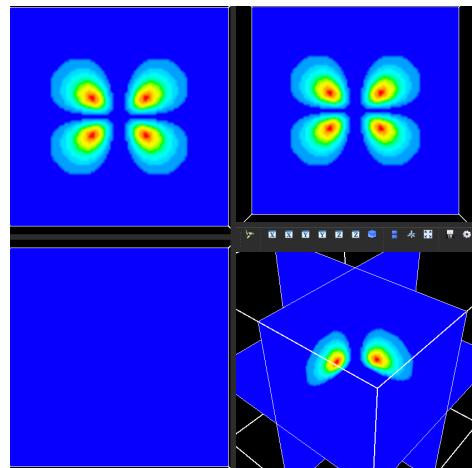
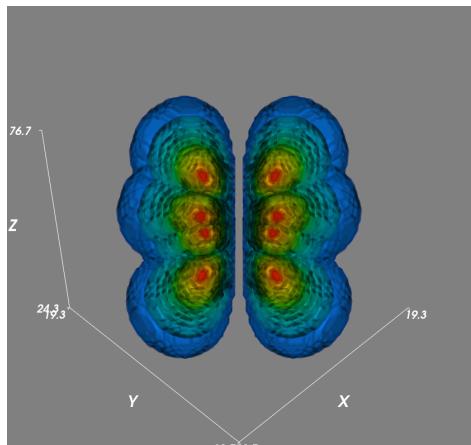
4 2 -2



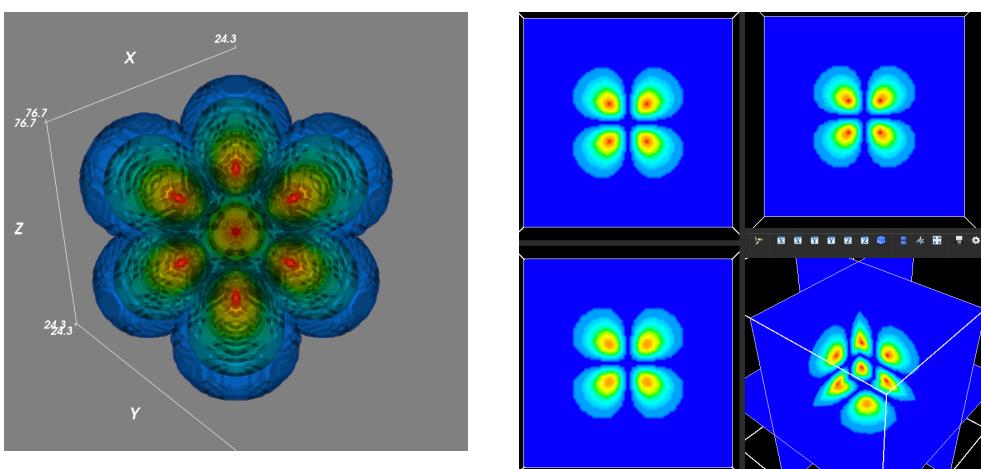
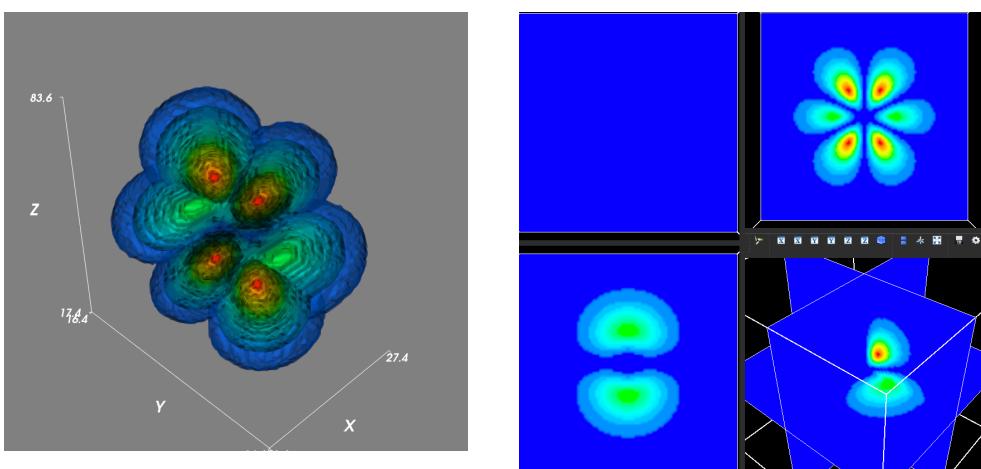
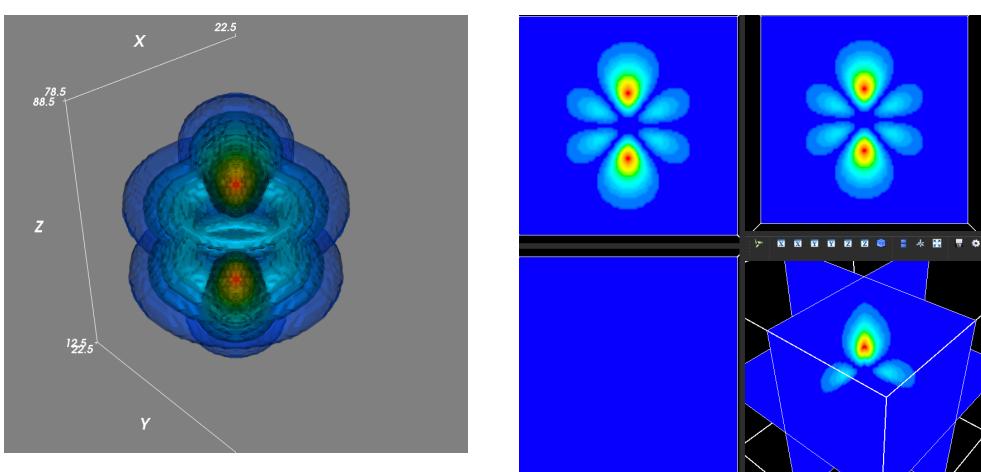
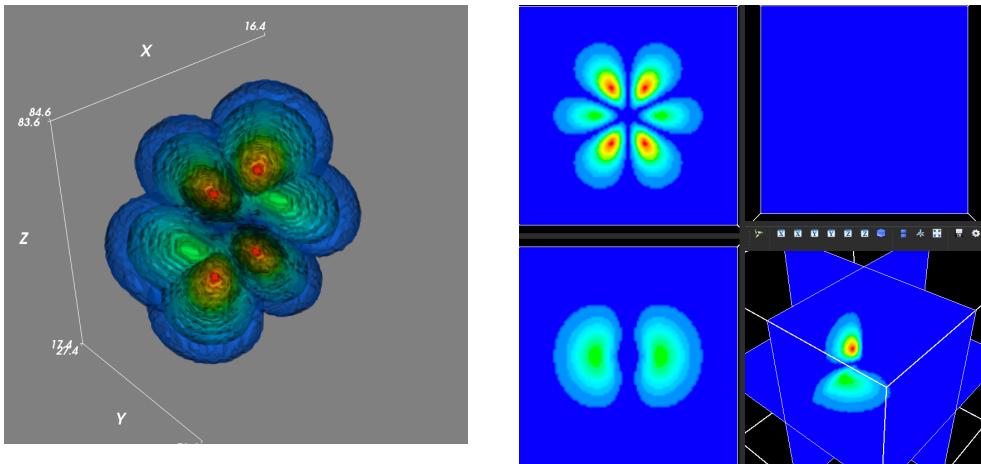
4 3 3



4 3 2



4 3 1



4 3 -3

