

Atomic Orbitals

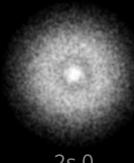
electron probability density

K

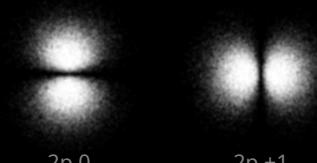


1s 0

L



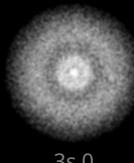
2s 0



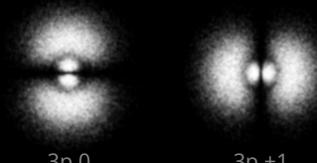
2p 0

2p ±1

M

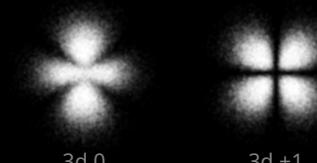


3s 0



3p 0

3p ±1

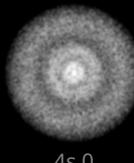


3d 0

3d ±1

3d ±2

N

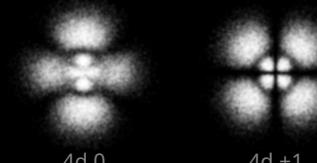


4s 0



4p 0

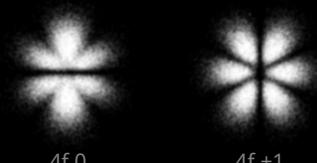
4p ±1



4d 0

4d ±1

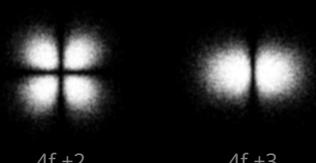
4d ±2



4f 0



4f ±1

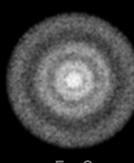


4f ±2



4f ±3

O



5s 0



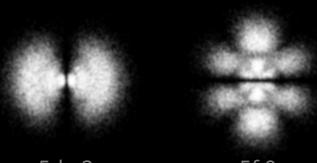
5p 0

5p ±1

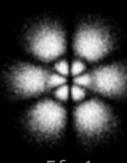


5d 0

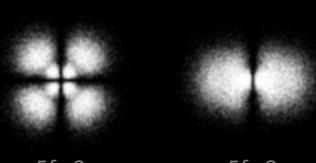
5d ±1



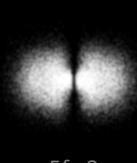
5f 0



5f ±1

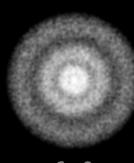


5f ±2

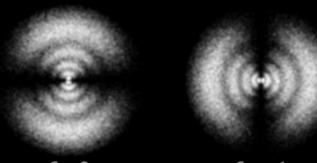


5f ±3

P



6s 0



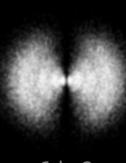
6p 0

6p ±1



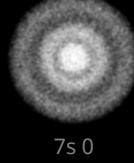
6d 0

6d ±1

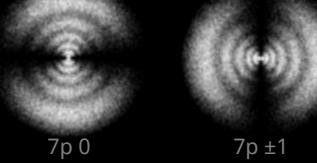


6d ±2

Q



7s 0



7p 0

7p ±1

