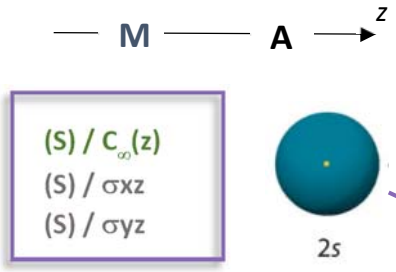
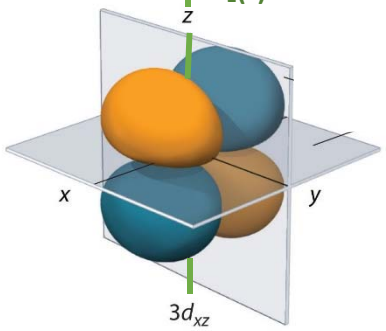
Orbitale atomique 2s de A



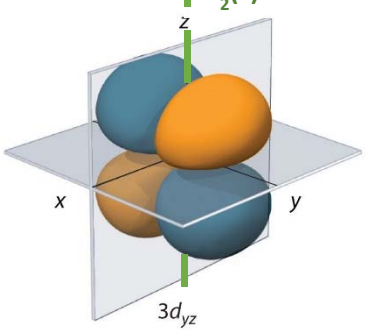
Recouvrement 2s $3d_{z^2}$

Recouvrement nul — $C_2(z)$



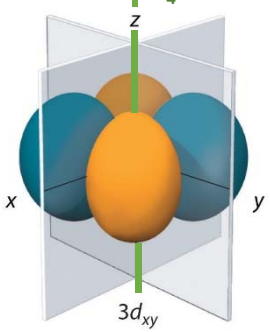
(AS) / $C_2(z)$
(S) / σxz
(AS) / σyz

Recouvrement nul — $C_2(z)$



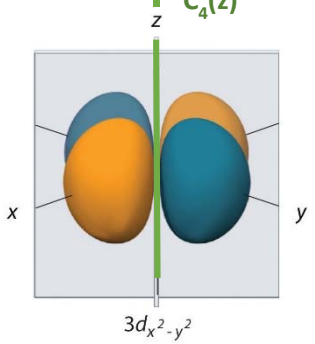
(AS) / $C_2(z)$
(AS) / σxz
(S) / σyz

Recouvrement nul — $C_4(z)$

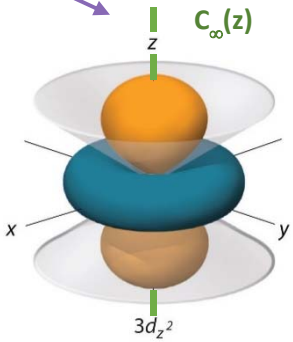


(AS) / $C_4(z)$
(AS) / σxz
(AS) / σyz

Recouvrement nul — $C_4(z)$



(AS) / $C_4(z)$
(S) / σxz,
(S) / σyz



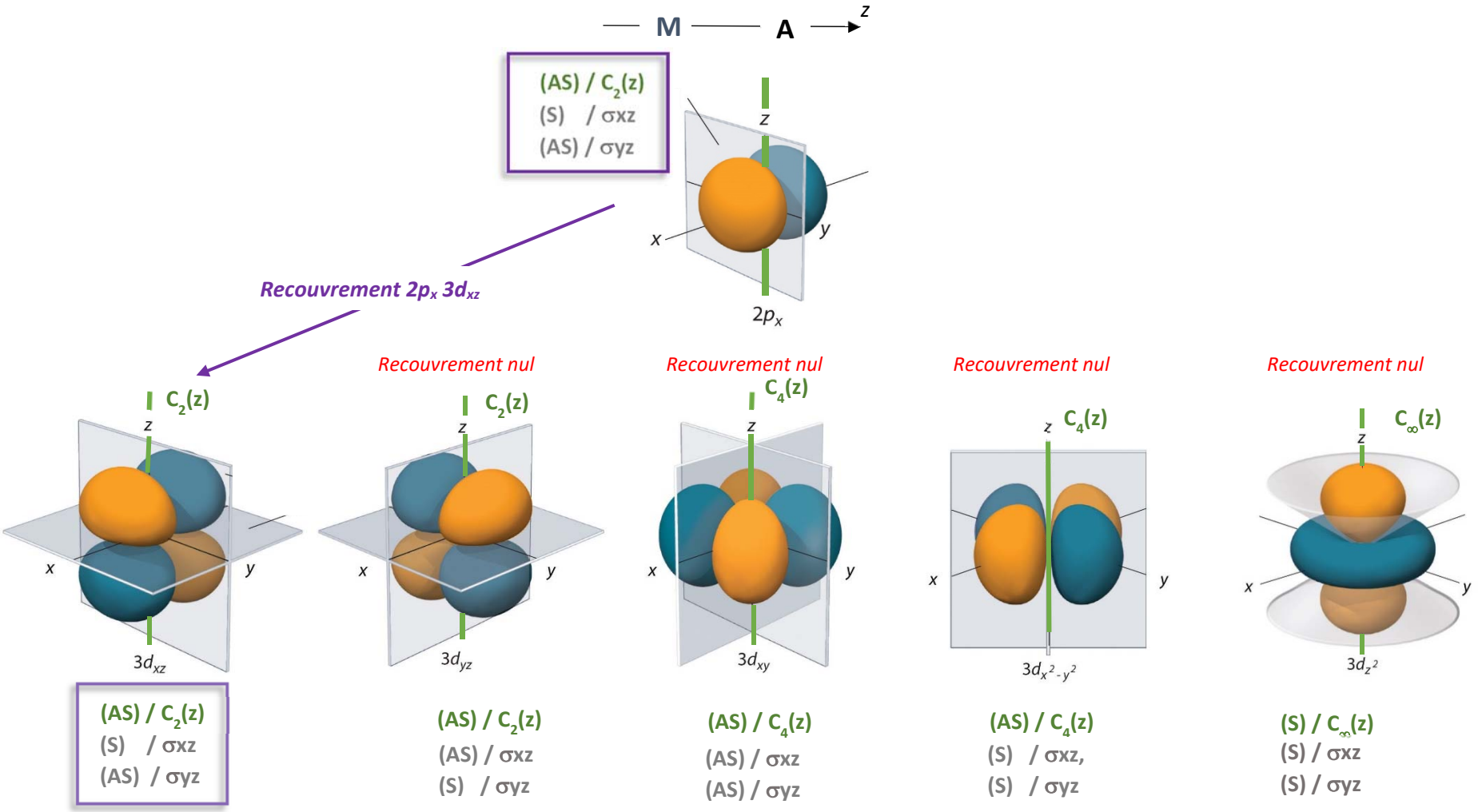
(S) / $C_\infty(z)$
(S) / σxz
(S) /σyz

Symétrie par rapport à un axe de rotation // à Oz

Symétrie par rapport à un plan contenant Oz

Orbitales atomiques 3d de M

Orbitale atomique $2p_x$ de A

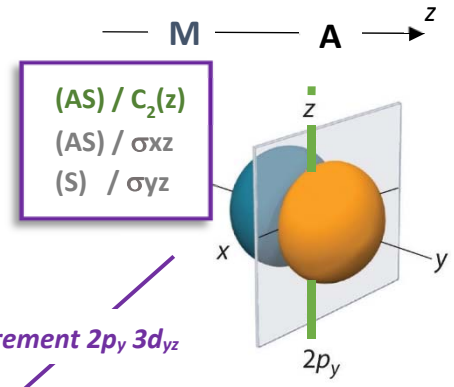


Symétrie par rapport à un axe de rotation // à Oz

Symétrie par rapport à un plan contenant Oz

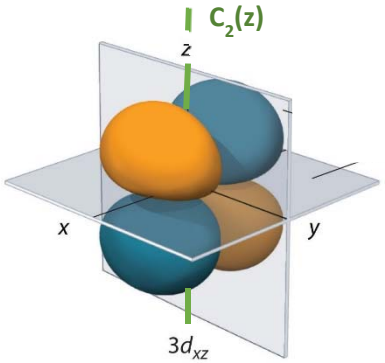
Orbitales atomiques 3d de M

Orbitales atomiques $2p_y$ de A

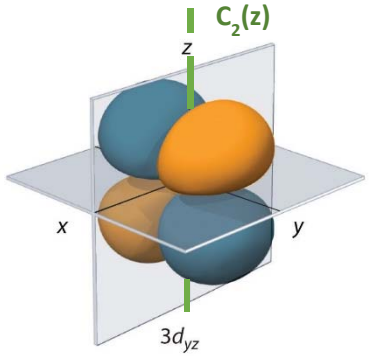


Recouvrement $2p_y$ $3d_{yz}$

Recouvrement nul

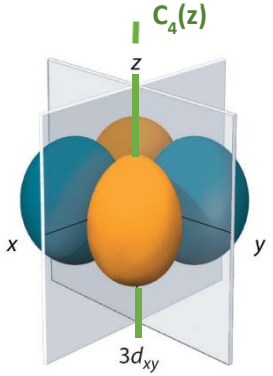


(AS) / C_2(z)
(S) / σxz
(AS) / σyz



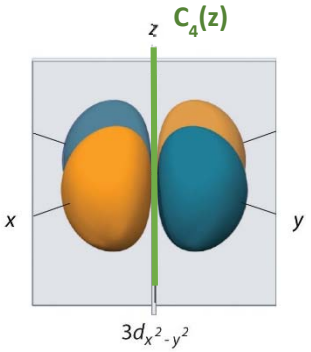
(AS) / C_2(z)
(AS) / σxz
(S) / σyz

Recouvrement nul



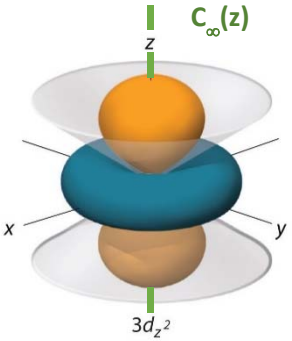
(AS) / C_4(z)
(AS) / σxz
(AS) / σyz

Recouvrement nul



(AS) / C_4(z)
(S) / σxz
(S) / σyz

Recouvrement nul



(S) / C_∞(z)
(S) / σxz
(S) / σyz

Symétrie par rapport à un axe de rotation // à Oz

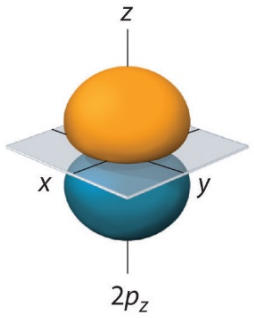
Symétrie par rapport à un plan contenant Oz

Orbitales atomiques 3d de M

Orbitales atomiques $2p_z$ de A

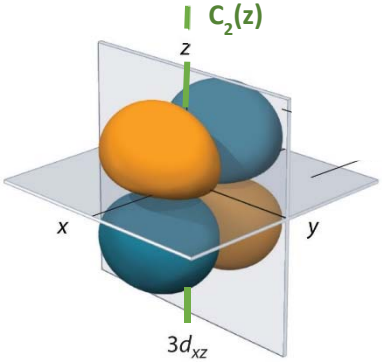
M — A → z

(S) / C_∞(z)
(S) / σxz
(S) / σyz



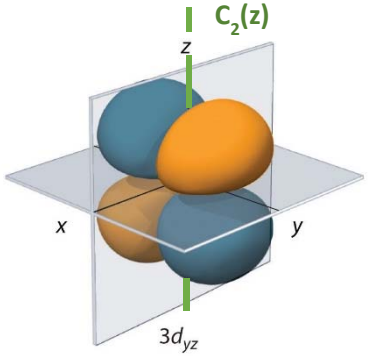
Recouvrement $2p_z$ $3d_{z^2}$

Recouvrement nul



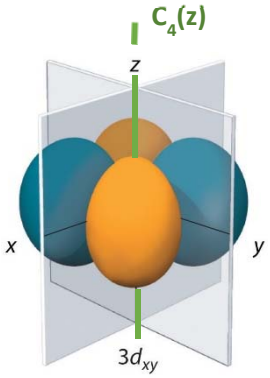
(AS) / C_2(z)
(S) / σxz
(AS) / σyz

Recouvrement nul



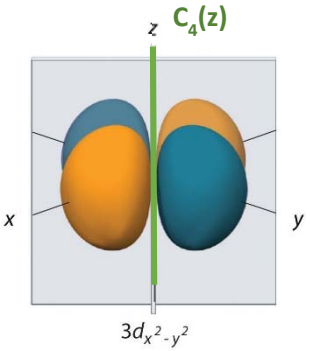
(AS) / C_2(z)
(AS) / σxz
(S) / σyz

Recouvrement nul

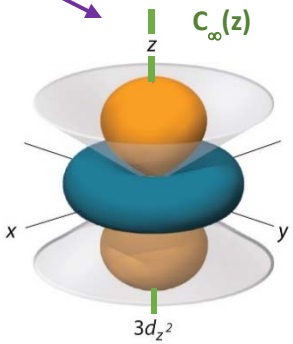


(AS) / C_4(z)
(AS) / σxz
(AS) / σyz

Recouvrement nul



(AS) / C_4(z)
(S) / σxz,
(S) / σyz



(S) / C_∞(z)
(S) / σxz
(S) / σyz

Symétrie par rapport à un axe de rotation // à Oz
Symétrie par rapport à un plan contenant Oz

Orbitales atomiques 3d de M