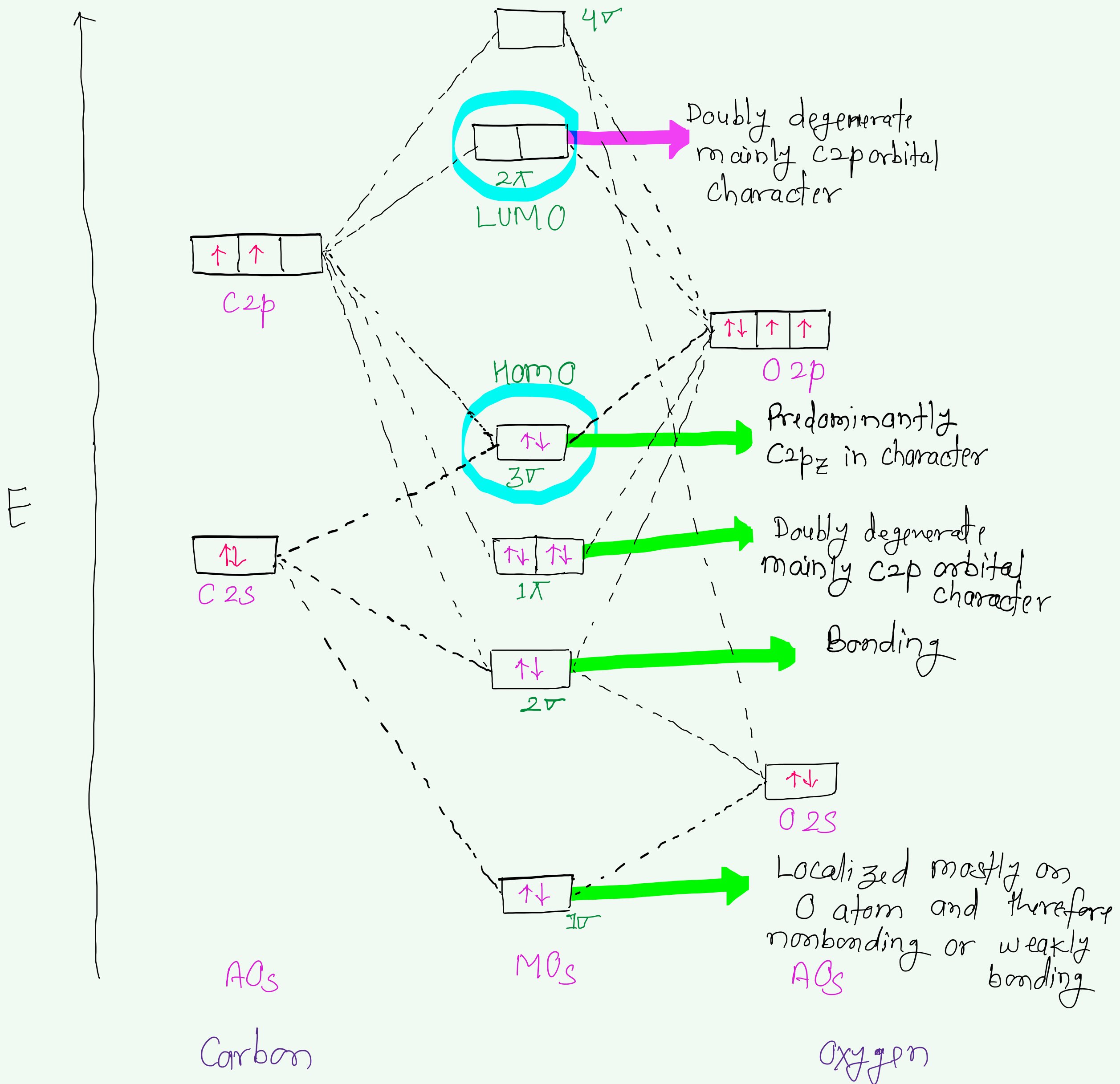


MOLECULAR ORBITAL ENERGY LEVEL DIAGRAM OF CO

Thursday, 14 January 2021

10:49 PM



FMO = Frontier Molecular Orbital

HOMO

Highest occupied molecular Orbital

→ MO that, according to the building-up principle is occupied last.

LUMO

Lowest unoccupied molecular Orbital

MO next to HOMO is called as LUMO

SOMO

Singly occupied molecular orbital

→ for radical species.