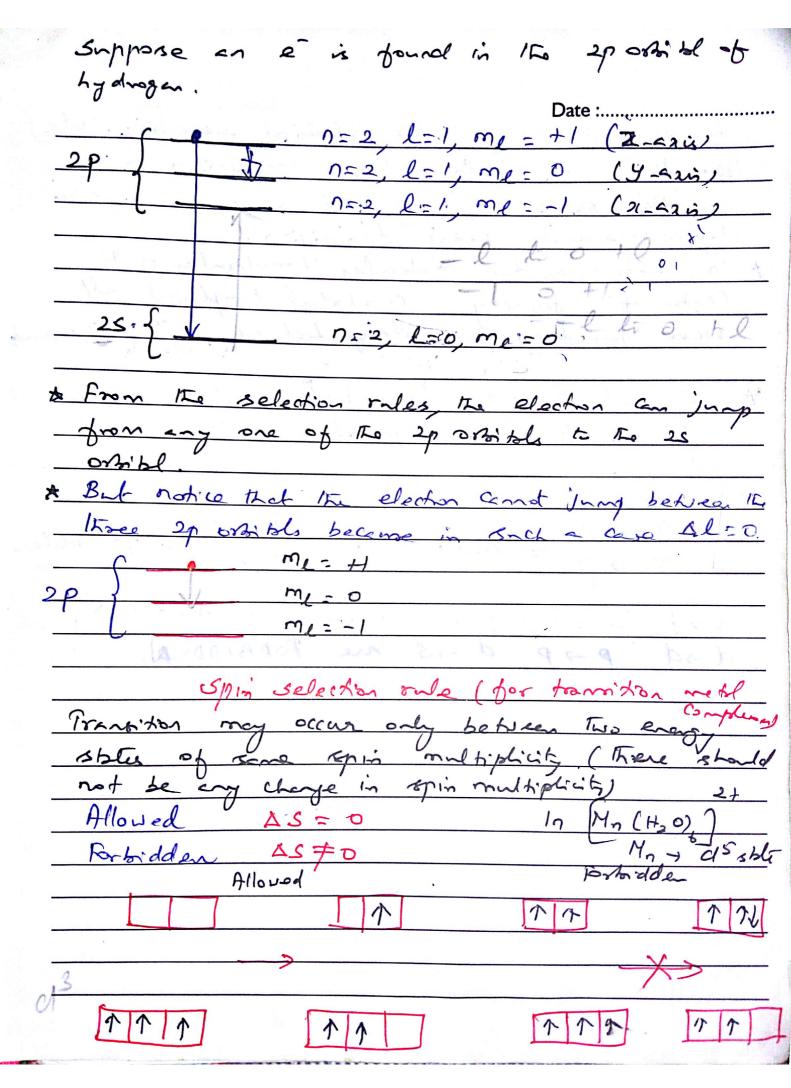
Selection value for elections toportion:

If a photon of light of The night frequency is
absorbed by an election the election jumps to a
higher energy state.

A Convenely if The election releases a photon of
light it will Jump to a lover energy state. J. photon A Certain transitions are more likely to occur then \* The ones that have a high probability of occuring are called the allowed transitions while the ones that are less likely to ble place are called forbidden transition. A la Quantim mechanica a set of rules exists
known no the selection rules that tells in These rules bell no that the election connot jump between two orbitals that differ by more than one orbital quentum number.



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