

PS 6-1

$C = \begin{matrix} \downarrow & \uparrow \\ f & f \\ \uparrow & \downarrow \end{matrix}$

$\frac{f}{l} = \frac{h}{mV}$

(b) $E_{min} = R_H \left(\frac{1}{n_i^2} - \frac{1}{n_f^2} \right)$

Max #e⁻ = 2n²

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$\frac{f}{l} = \frac{h}{mV}$

$\frac{V}{l} = \frac{h}{m\lambda}$

SIZE
 $n = P E C$

SHAPE
 $l = \text{Sublevel}$

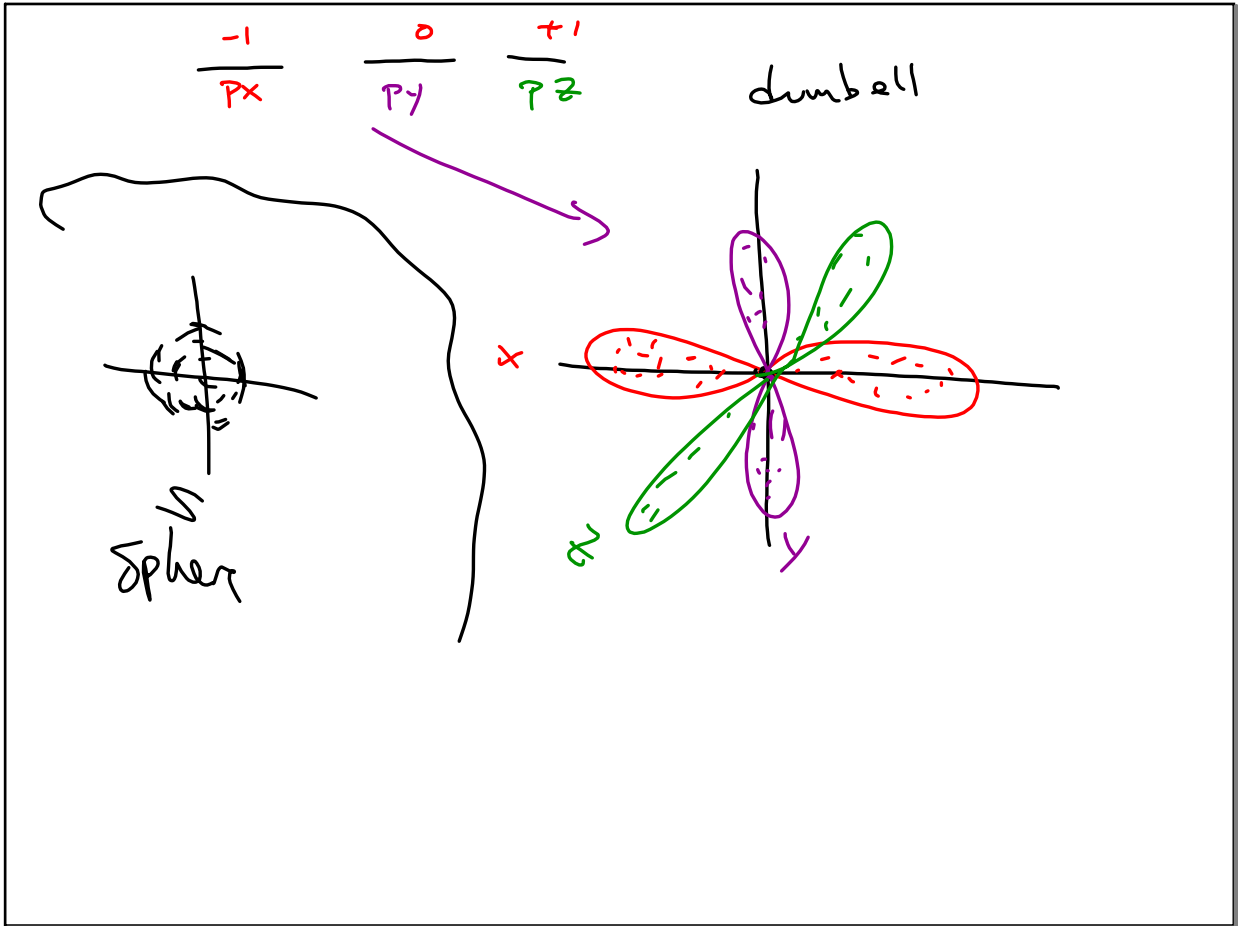
s	p	d	f
0	1	2	3

 23muBohr (n-1) Max

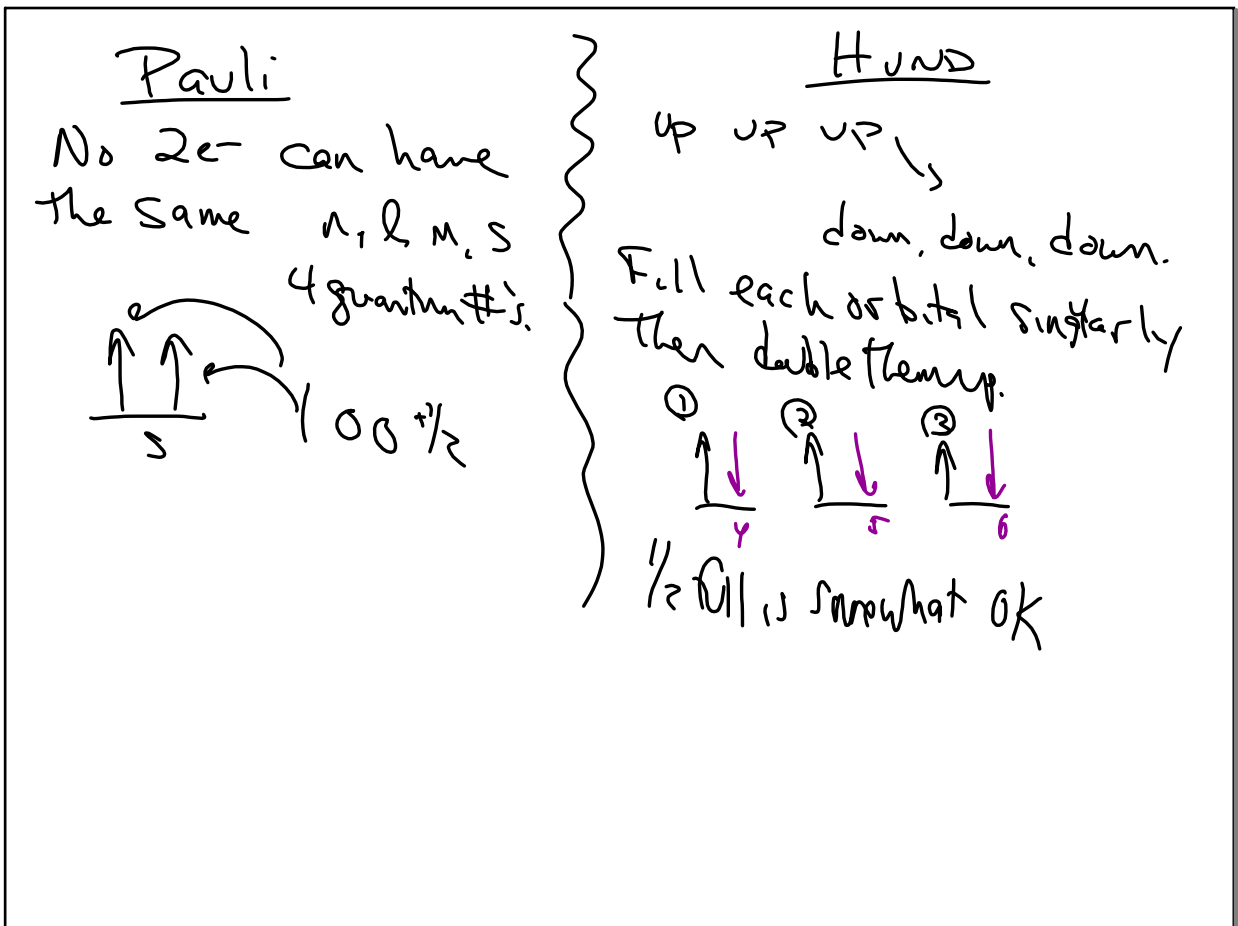
Orientation
 $M = -l \text{ to } +l$ orbital magnetic

$S = \pm \frac{1}{2}$ spin

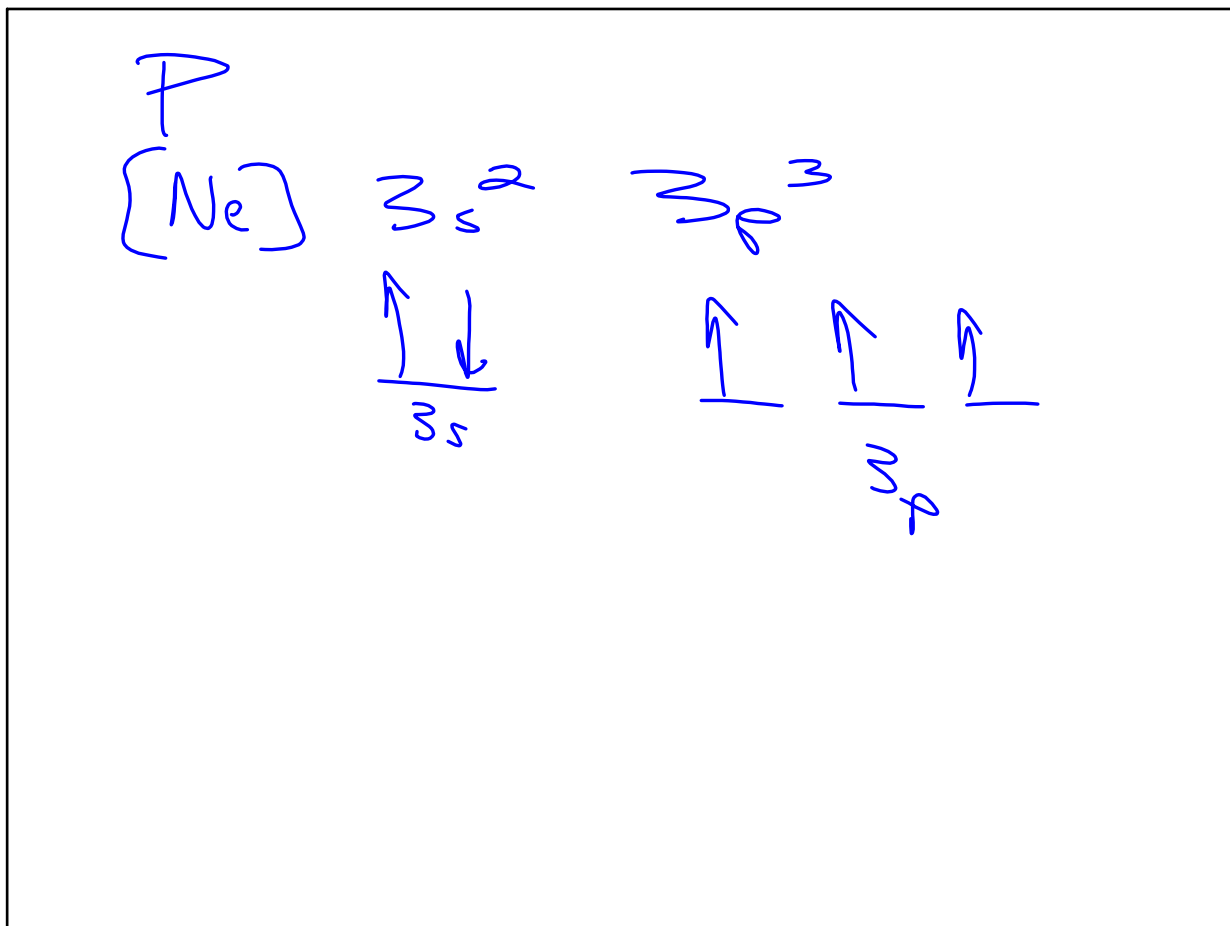
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Oct 28-8:27 AM



Oct 28-8:45 AM

PS 6-2
 HW
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