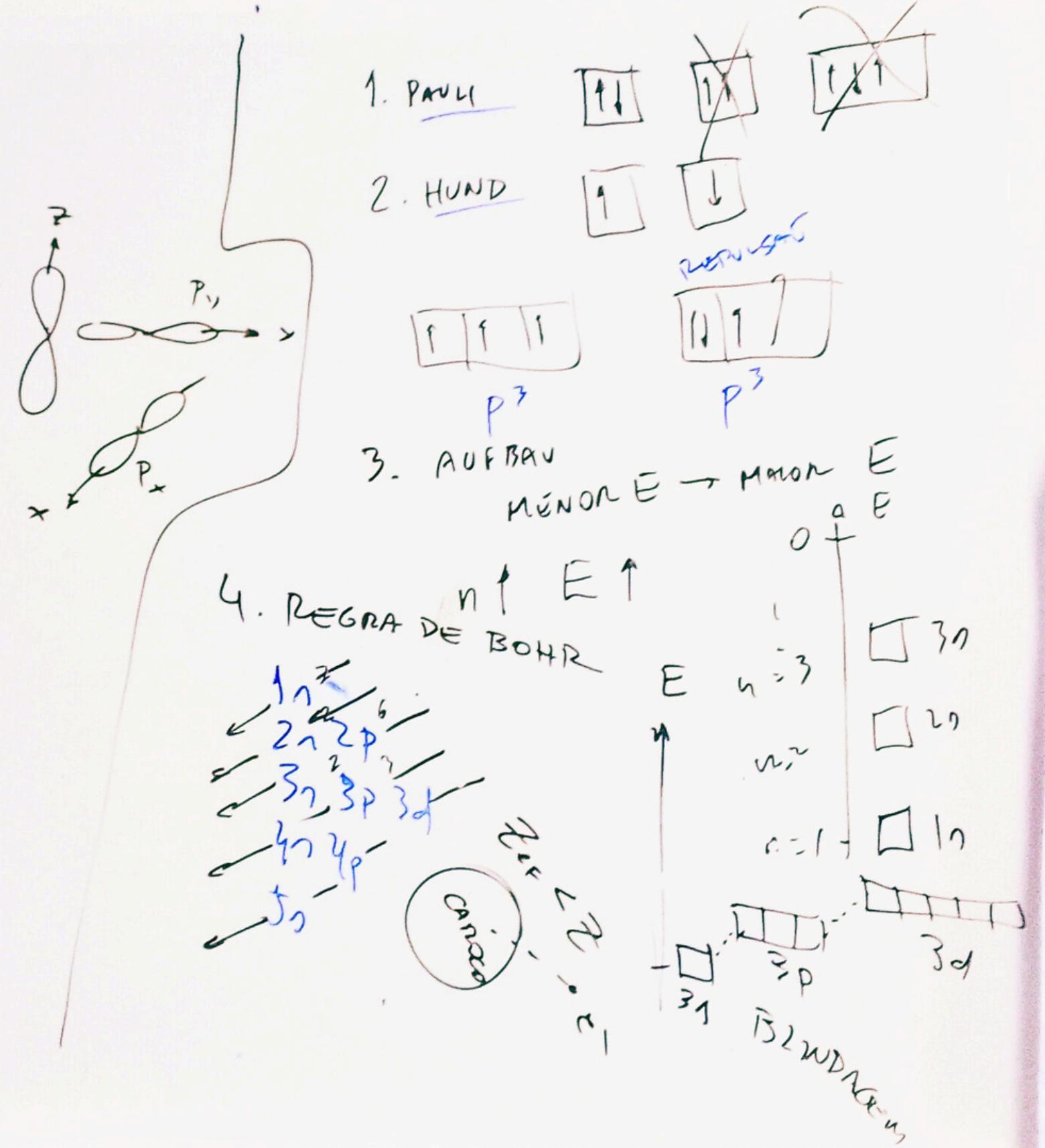
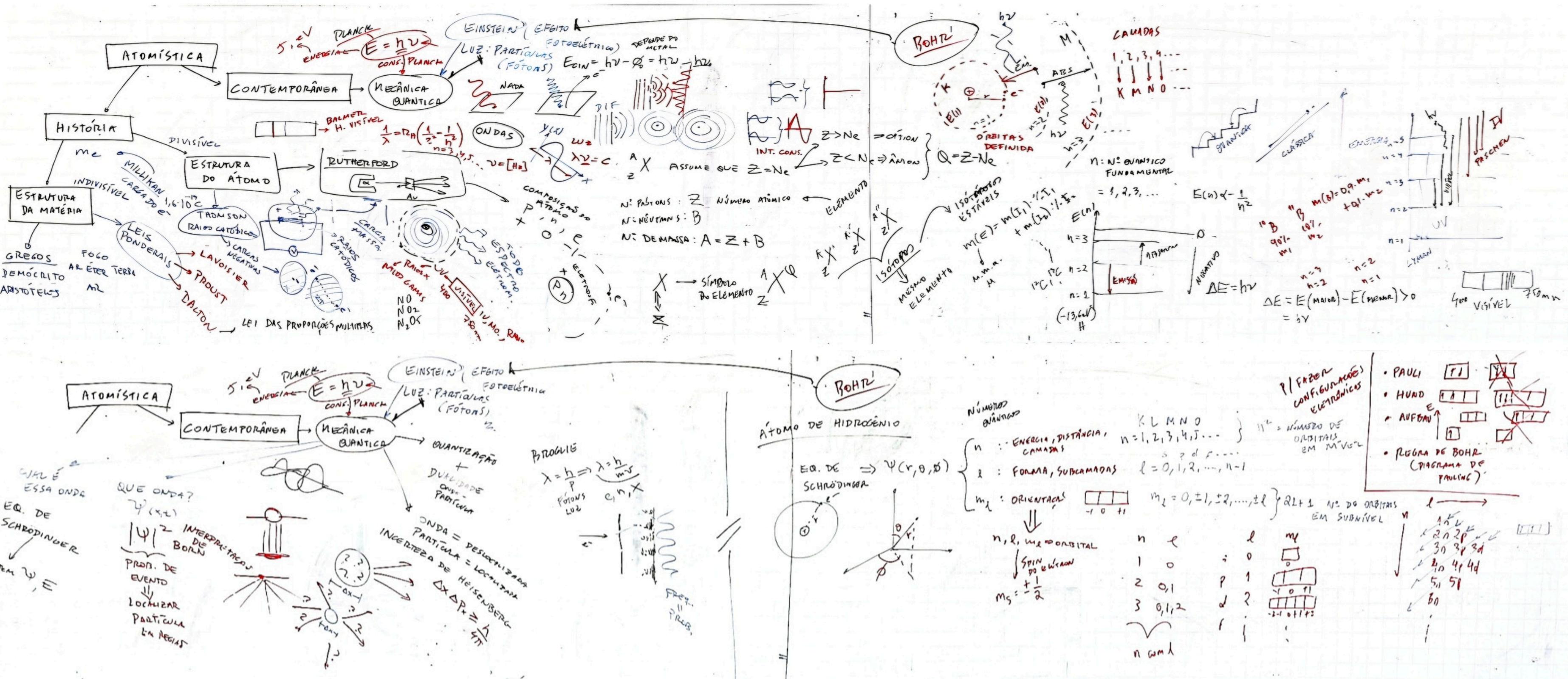
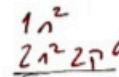
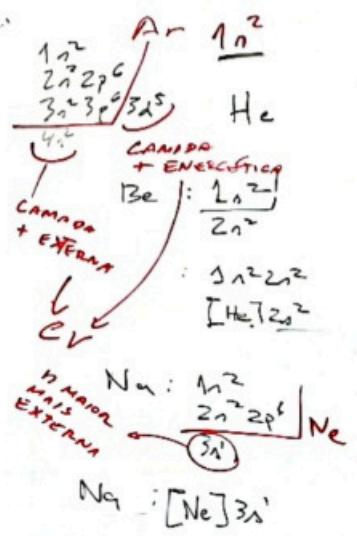


ORBITAL $\left\{ \begin{array}{l} n : kLM \\ n = 1, 2, 3, \dots \\ l : s, p, d, \dots \\ l = 0, 1, 2, \dots, n-1 \\ m_l : 0, \pm 1, \pm 2, \pm 3, \dots, \pm l \\ m_s : +\frac{1}{2}, -\frac{1}{2} \end{array} \right.$
 s
 p
 d







Ar $1s^2$
 $1s^2 \quad 2s^2 2p^6$
 $2s^2 2p^6 \quad 3s^2 3p^6$
 $3s^2 3p^6 \quad 3d^5$
 $4s^1$
 CAMADA + ENERGÉTICA
 $\text{Be} : 1s^2$
 $2s^2$
 $4s^1$
 CAMADA + EXTERNA
 $\text{He} : 1s^2$
 $1s^2 \quad 2s^2 2p^6$
 $2s^2 2p^6 \quad 3s^2 3p^6$
 $3s^2 3p^6 \quad 3d^5$
 $4s^1$
 CAMADA + ENERGÉTICA
 $\text{Na} : 1s^2$
 $2s^2 2p^6$
 $3s^2 3p^6$
 $4s^1$
 $4s^1$
 CAMADA + EXTERNA
 $\text{Z}_{\text{eff}}(K) > \text{Z}_{\text{eff}}(L) > \dots$



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 $1s^2 \quad 2s^2 2p^6$
 $2s^2 2p^6 \quad 3s^2 3p^6$
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 CAMADA + ENERGÉTICA
 $\text{Na} : 1s^2$
 $2s^2 2p^6$
 $3s^2 3p^6$
 $4s^1$
 $4s$