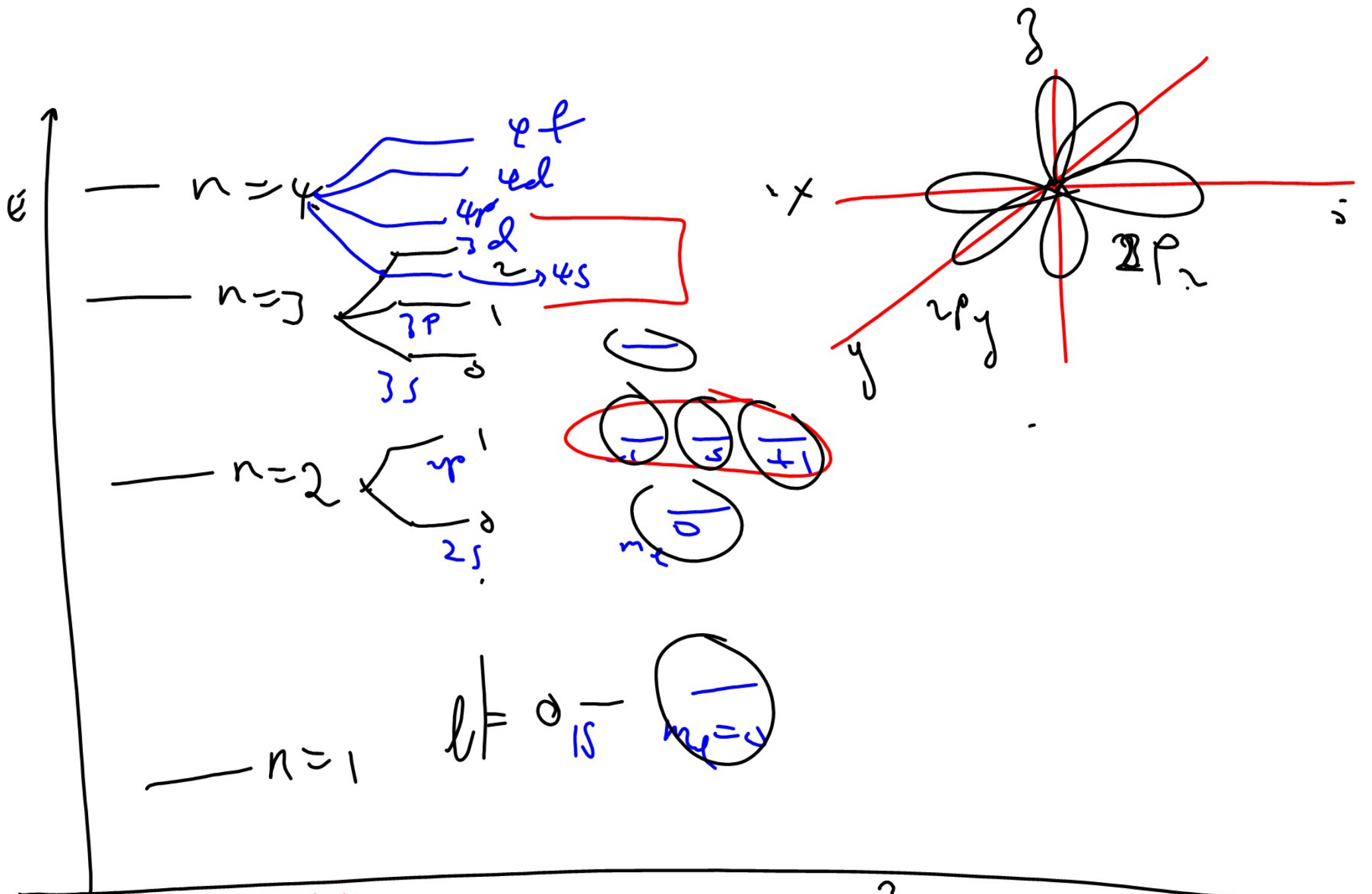
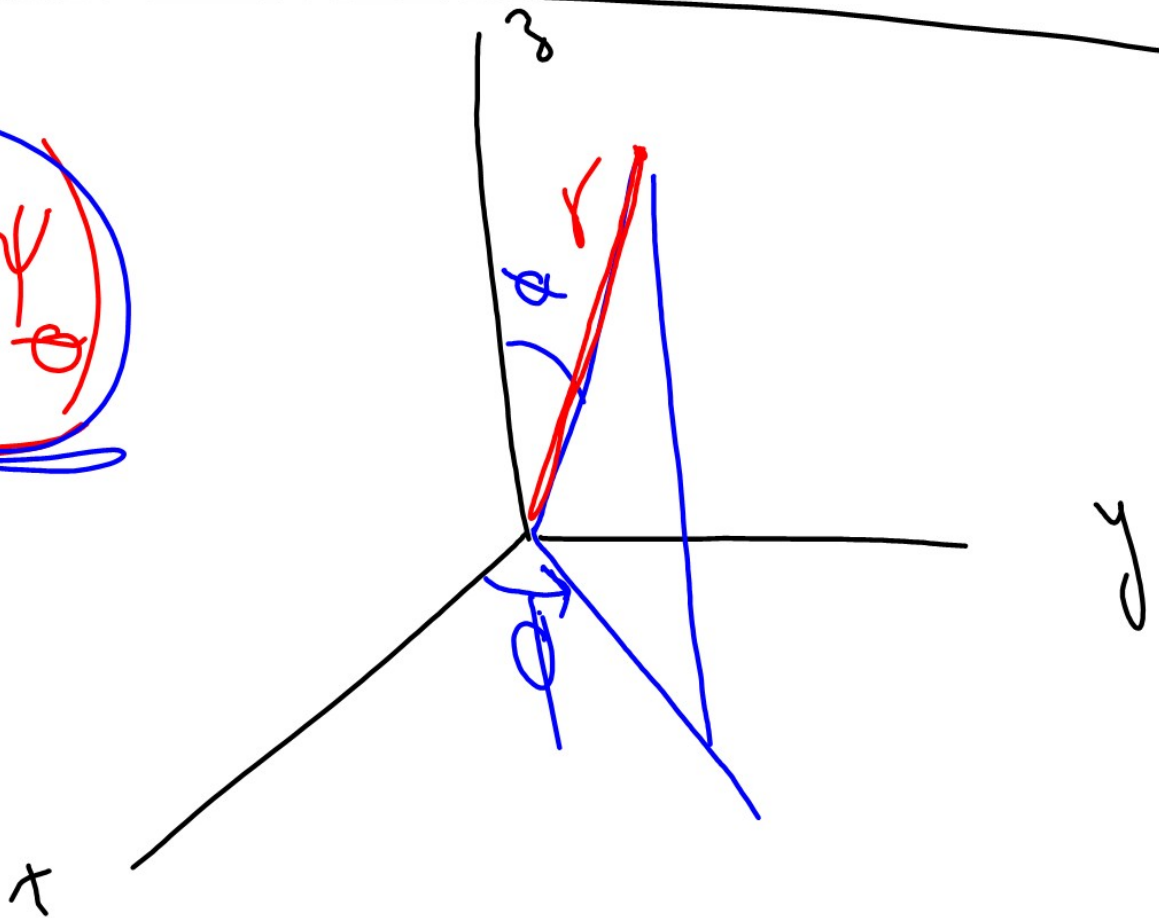




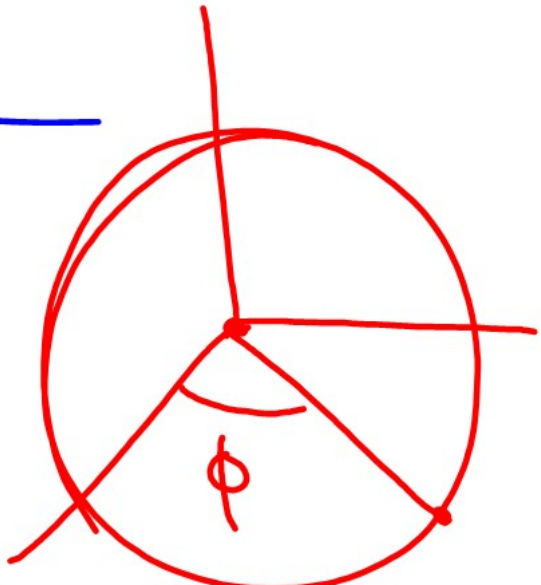
$$(r, \phi, \theta)$$

$$\Psi = \psi(r) \cdot \begin{pmatrix} \psi \\ \phi \\ \theta \end{pmatrix}$$



Angular

planar coord.

l	m_l	ϕ	ϕ	$\psi(\phi)$	
0	0	$\frac{1}{\sqrt{2\pi}}$	$\frac{1}{\sqrt{2}}$	$\frac{1}{\sqrt{2\pi}}$	
1s, 2s, 3s					

