AS2 (2005 4.4) Law of Mass Achon (2HD SO H2+D2 WOURD) VMc=MA (MA=MB) > 3MC = DAMA > NC = 3F = DNA DE SA JB DE NO. dF=0 -> dhz=0=d[NA(lnfA-hNA+1)+18(lnfB-LNB+1) + Ni (lafe-lake+1)] O = dNA(hla-LNA) +dNB(la/B-LNB) tolke (lafe-lake) = dNA [lnfa-lNa + MB-LNB-V-Mc+VMK] > Ph &c = her + hto The second of th nANB = V 2-2 por falls

b)
$$E_{n,\ell} = \int_{2\pi}^{2} + hV(n+\frac{1}{2}) + \frac{\ell(\ell + 1)h^{2}}{8\pi^{2}I}$$
 $V_{x} = \int_{2\pi}^{2} \int_{2\pi}^{2\pi} \frac{1}{2\pi^{2}I} \cdot \frac{1}{2$

See (#)
$$\frac{\mathcal{E}(2l+1)C}{\mathcal{E}(2l+1)C} \xrightarrow{\mathcal{E}(2l+1)} \int d\left[l(2l+1)\right] = \frac{\mathcal{E}(2l+1)}{\mathcal{E}(2l+1)} = \frac{\mathcal{E}(2l+1)}{\mathcal{$$