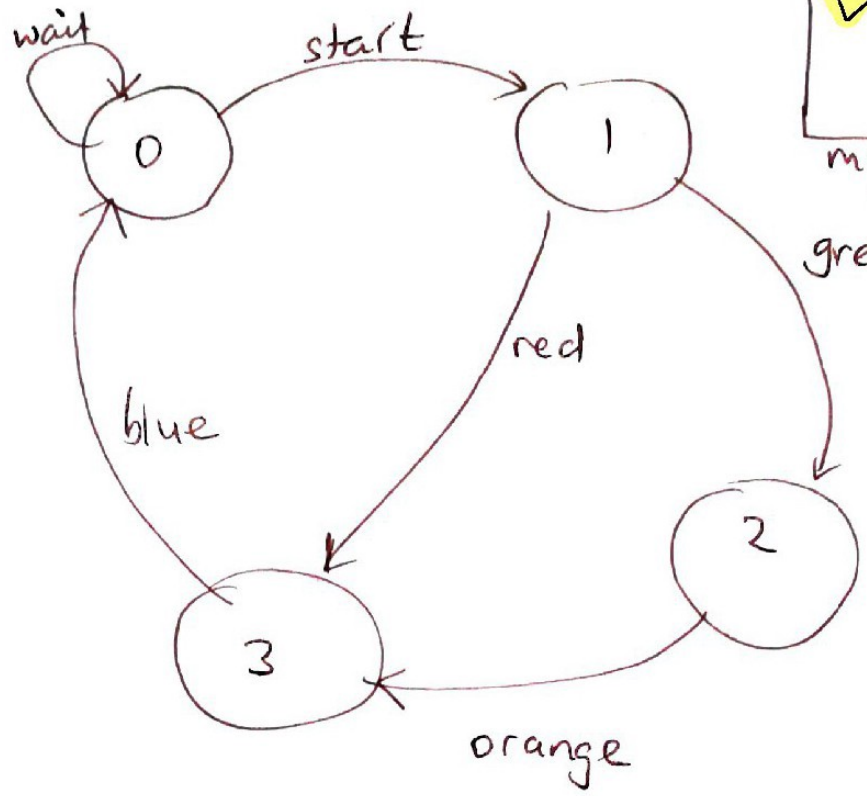
7 1 2 3 4 5 6

B1

(a)



$V = \frac{4}{2}$

more annotation in here

"The coloured states are numbered starting at zero" makes no sense because the edges have colour names, and these represent transitions.

(b) $\overline{A + B} = \overline{A} . \overline{B}$

$A = A(B + \overline{B})$

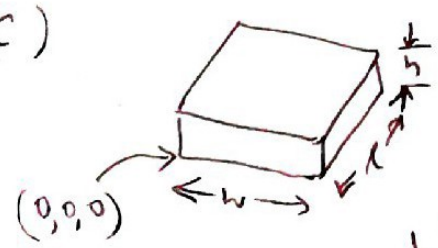
I'll edit/annotate in this box electronically

$\oint V \, dv = 0$

kind of makes it a bit simple.

because I forgot something. oops.

(c)



$\oint_V \psi_r \, dv = \int_0^h \int_0^l \int_0^w \psi(x,y,z) \, dx \, dy \, dz$

$\psi(x,y,z) = x + 2y - z^2$