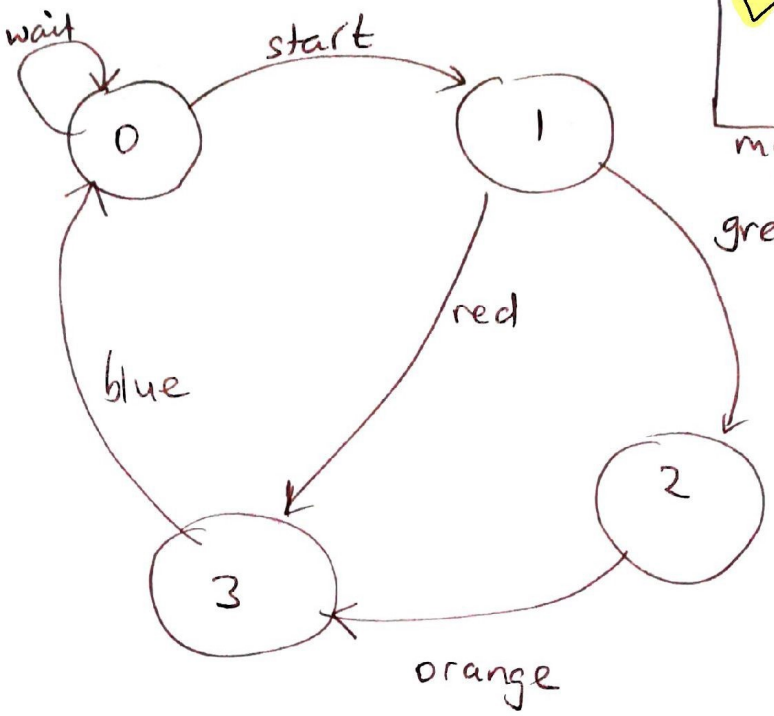
7 1 2 3 4 5 6

B1

(a)



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

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.

I'll edit/annotate in this box electronically

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

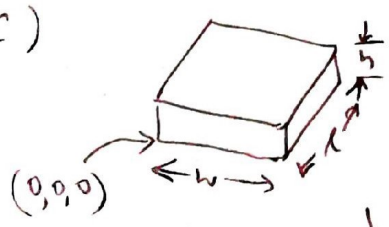
$A = A(B+\overline{B})$

$\oint V dv = 0$

kind of makes it a bit simple.

because I forgot something. oops.

(c)



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

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

Sub-total

Mark

section

Q number

mark awarded

section

Q number

mark awarded

Mark