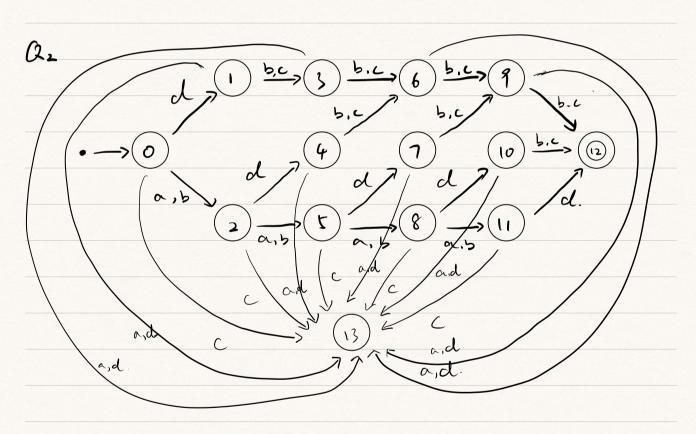
(2) (a) VWEL, since LIEL, then WEL. Then VVEL, V must be like W, W2--- Wn. where NOO and Wnth, so for all words wn that made up of V, Wnth by definition, so W, W2--- Wnth. Thus, VEL. VVEL, VEL. So L'EL.

(b) Disprove. Assume that L1= {aa3, L2={a}. Li could only wintain words that are made up from even number of a while 12 contains words have random number of a, so L* EL.



for every stage that end with a,b, it sould continue with either d or a,b, stages end with b,c,d could only wontinue with b,c.

