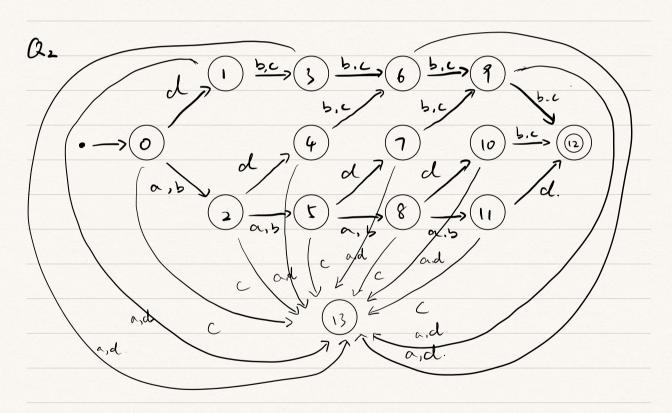
(2) (a) VWEL, since LIEL, then WELZ. Then VVEL!, V must be like W, Wz--- Wn where NO and Wnth, so for all words wn that made up of V, WnELZ by definition, so W, Wz--- WnELZ. Thus, VELZ. Y VEL. Y VELZ. So L'ELZ.

(b) Disprove. Assume that L, = {aa3, L={a3. Li could only wintain words that are made up from even number of a while L'z contains words have random number of a, so L'ELZ. However, it is obvious that L, ELZ.



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

