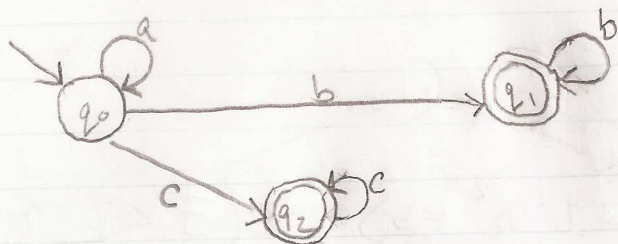


HW 4  
#6



$$L(\beta) = a^*(b.b^* + cc^*)$$

This does not contain all sequences that satisfy the LTL property  $aU(b \vee c)$

Consider the sequence "aacabebc..."  
This would not be accepted by  $\beta$ .

However  $\beta$  does contain all sequences that satisfy  $aU(b \vee c)$