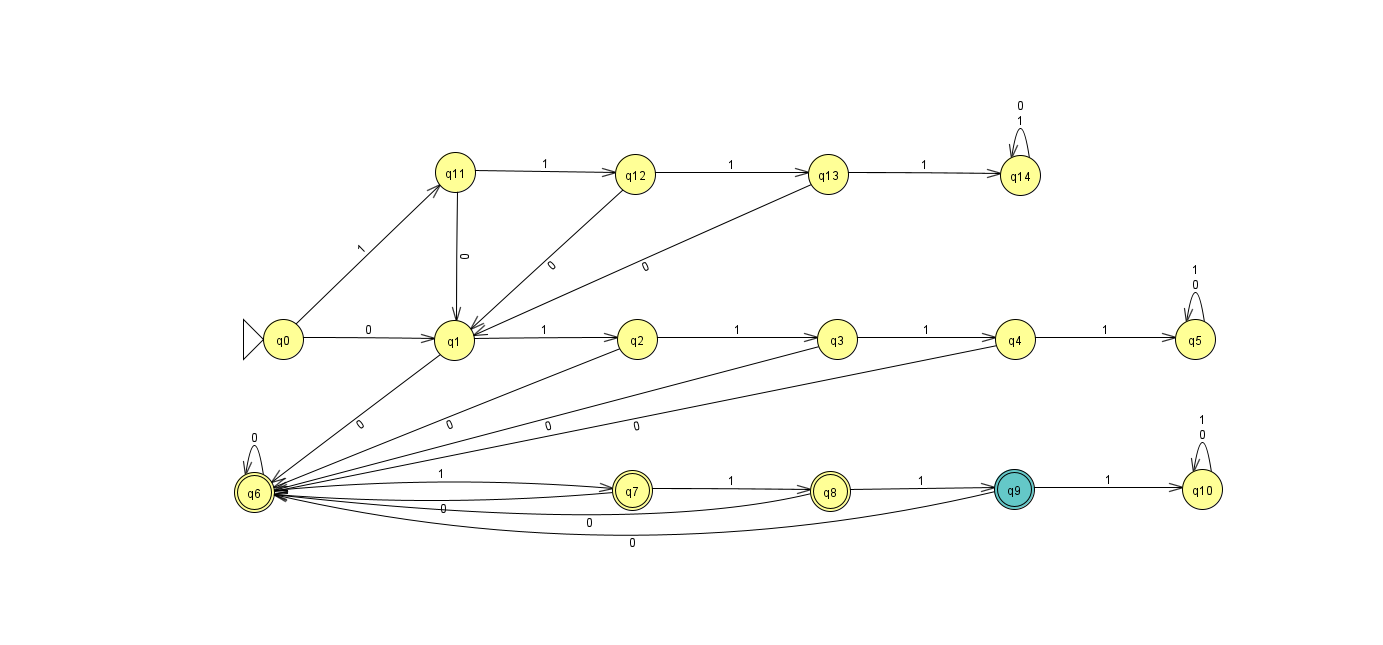
**第一次作业**

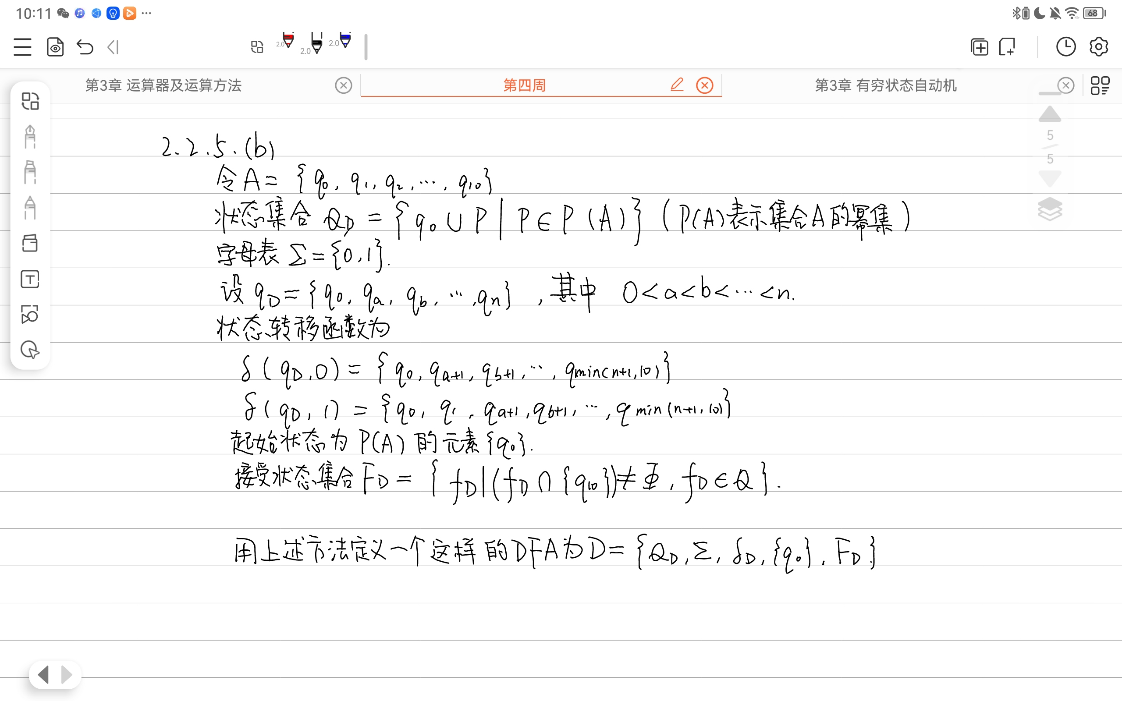
2153067 王灏博

**2.2.5**

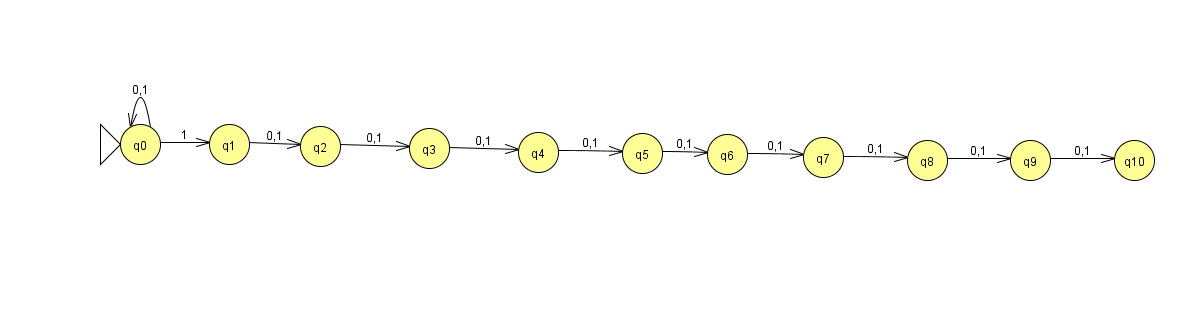
(a)



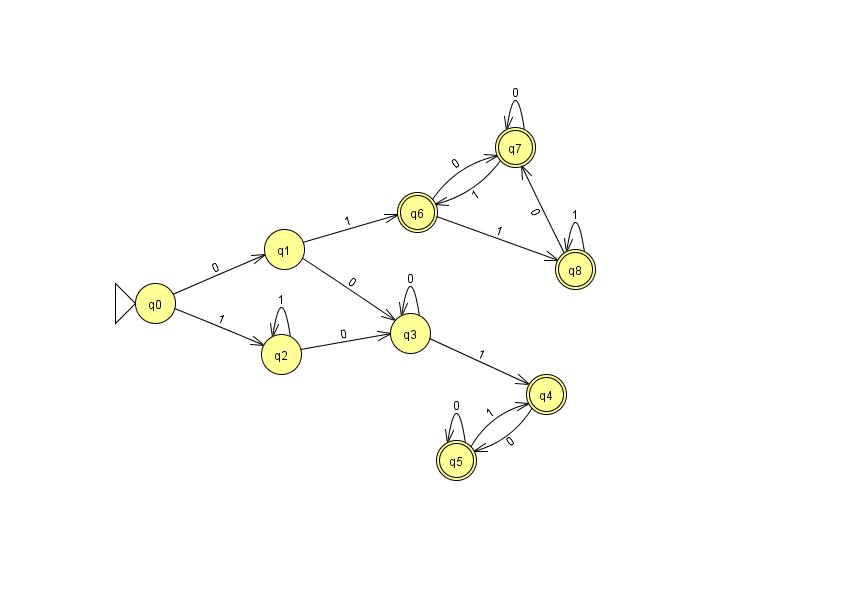
(b)



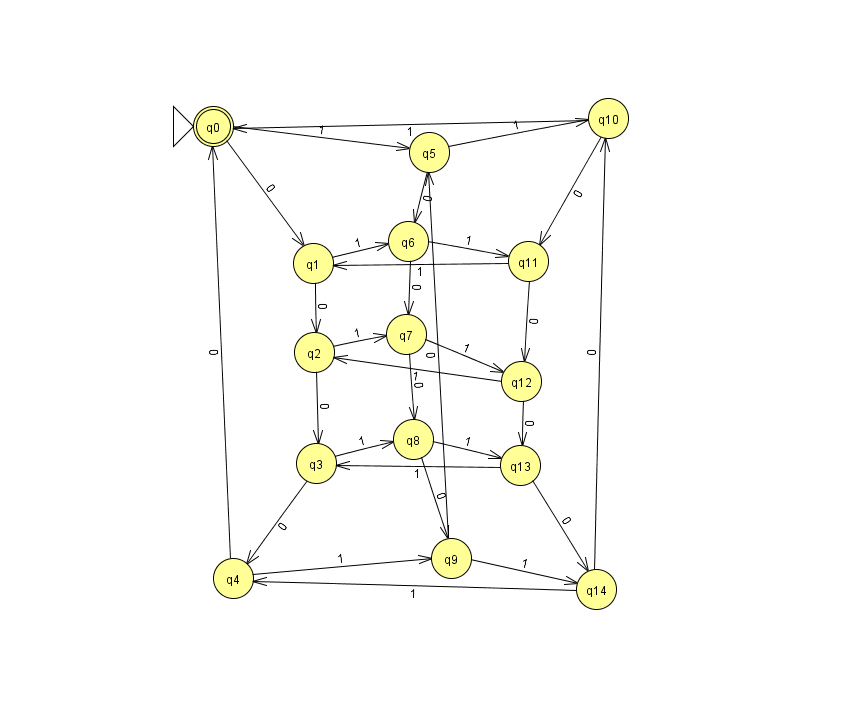
对应的NFA为：



(c)

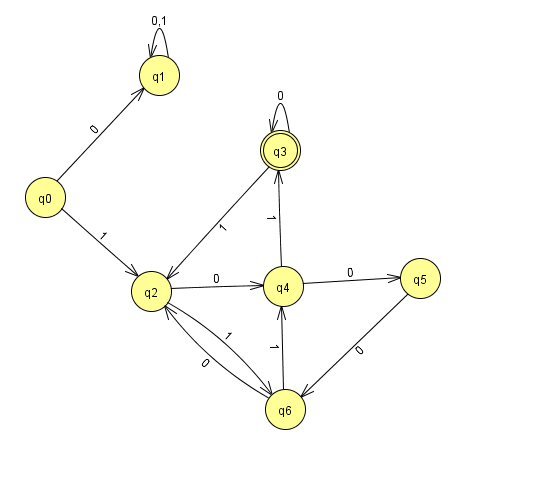


(d)

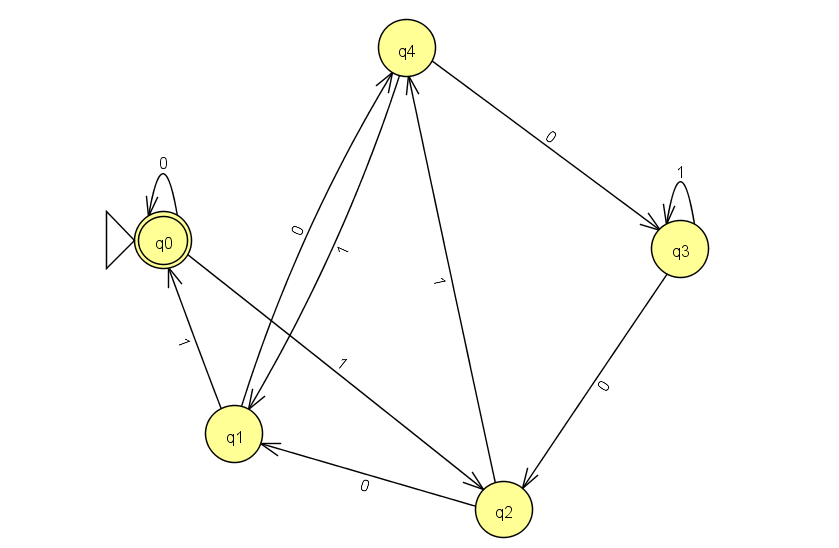


**2.2.6**

(a)

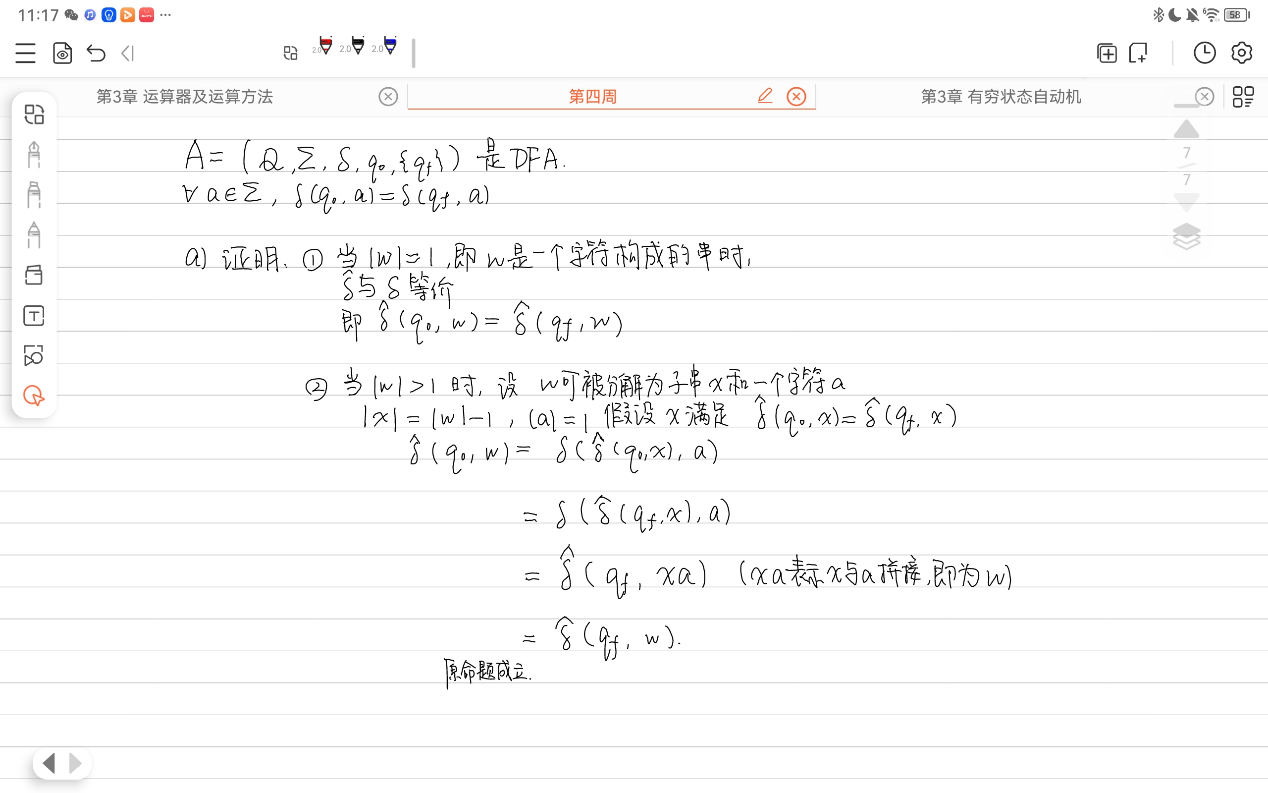


(b)

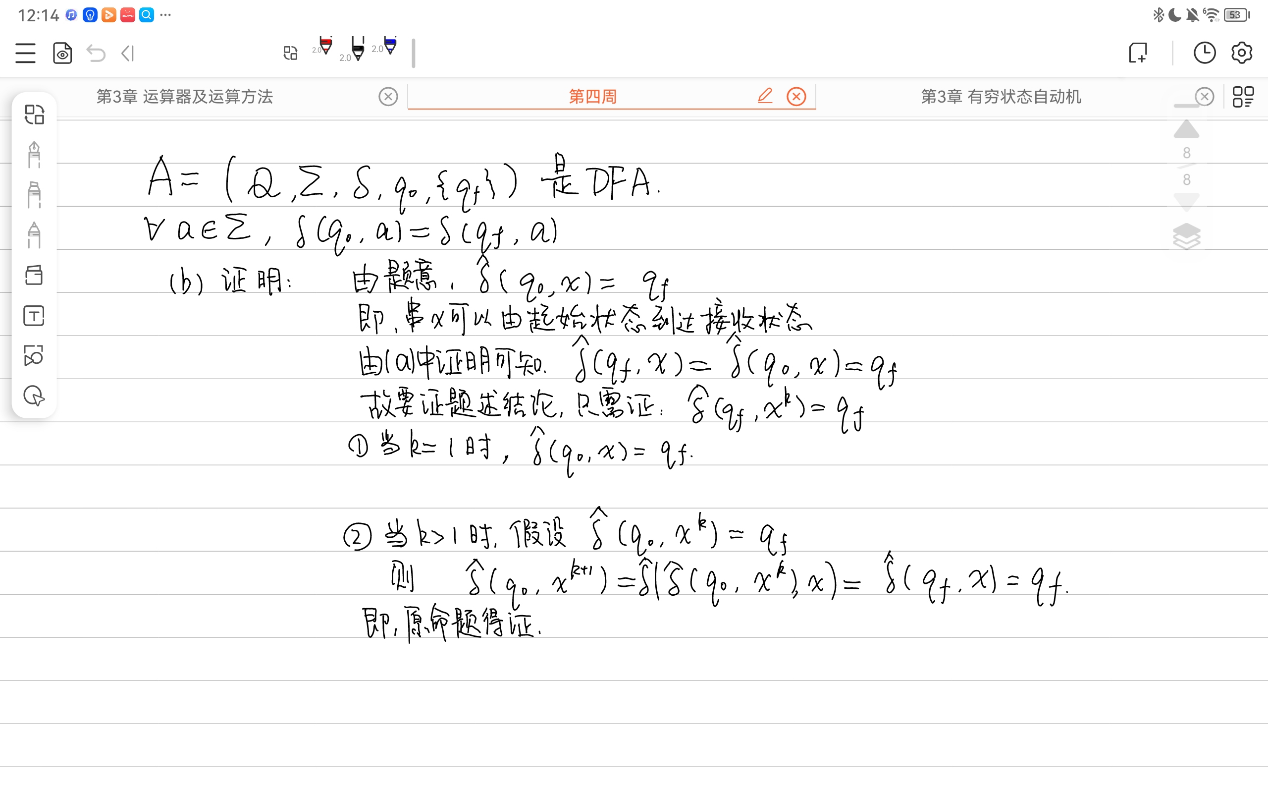


**2.2.9**

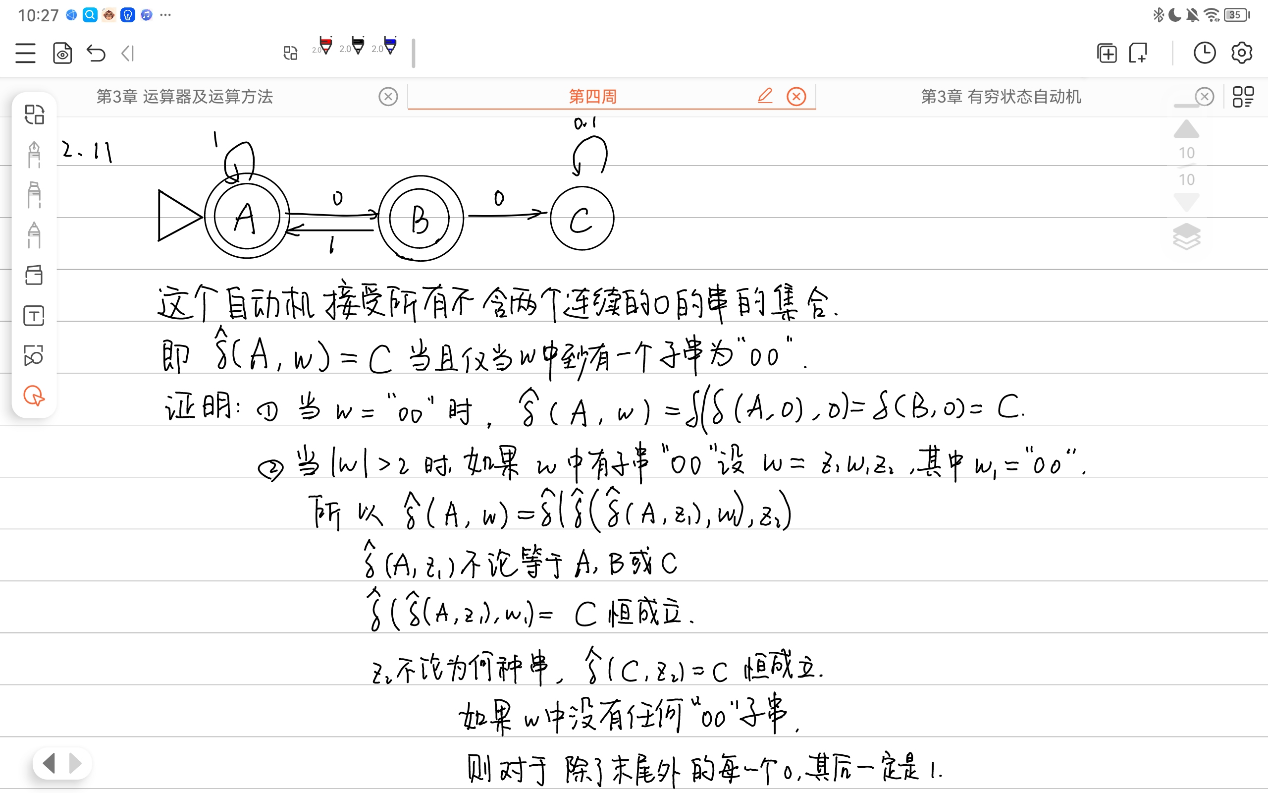
(a)

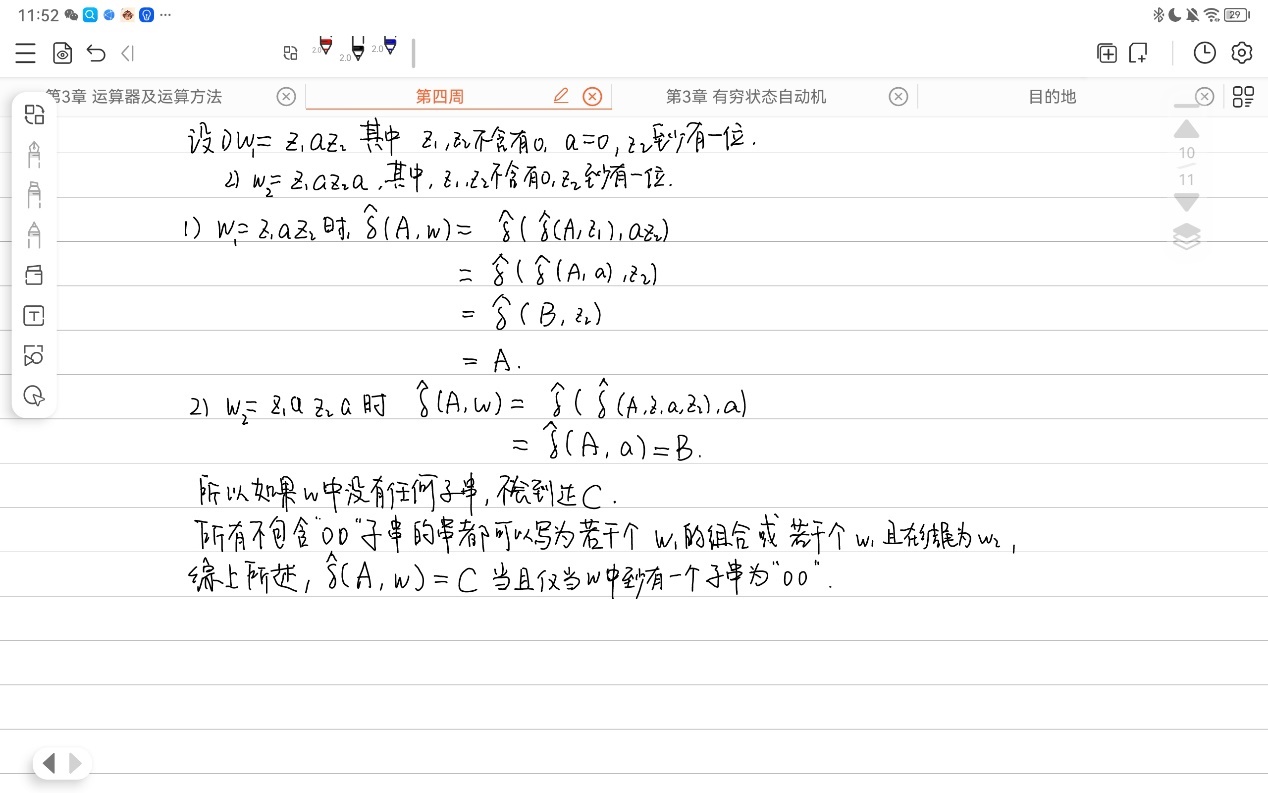


(b)

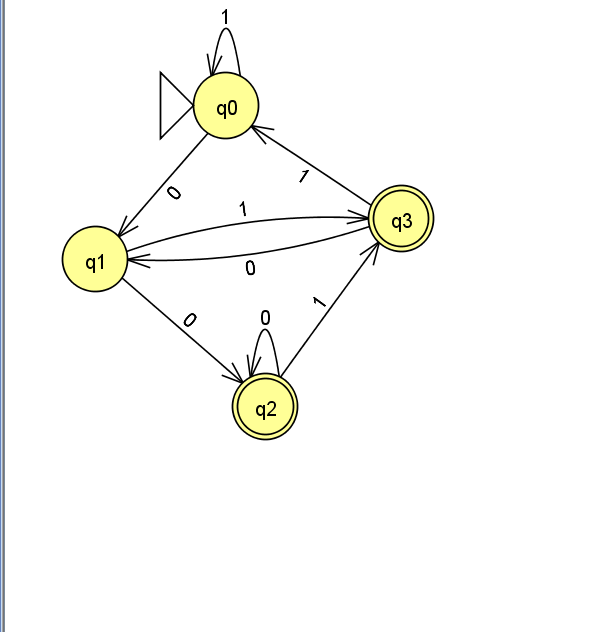


**2.2.11**



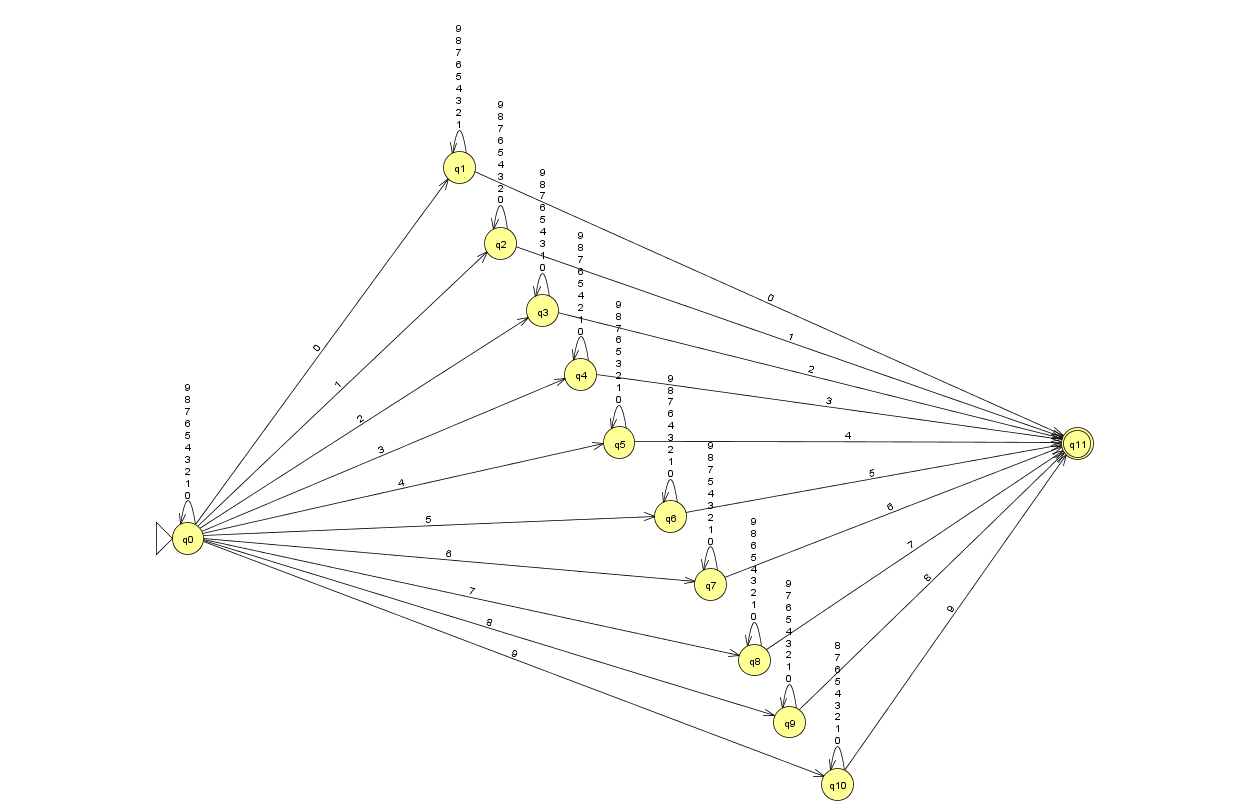


**2.3.3**

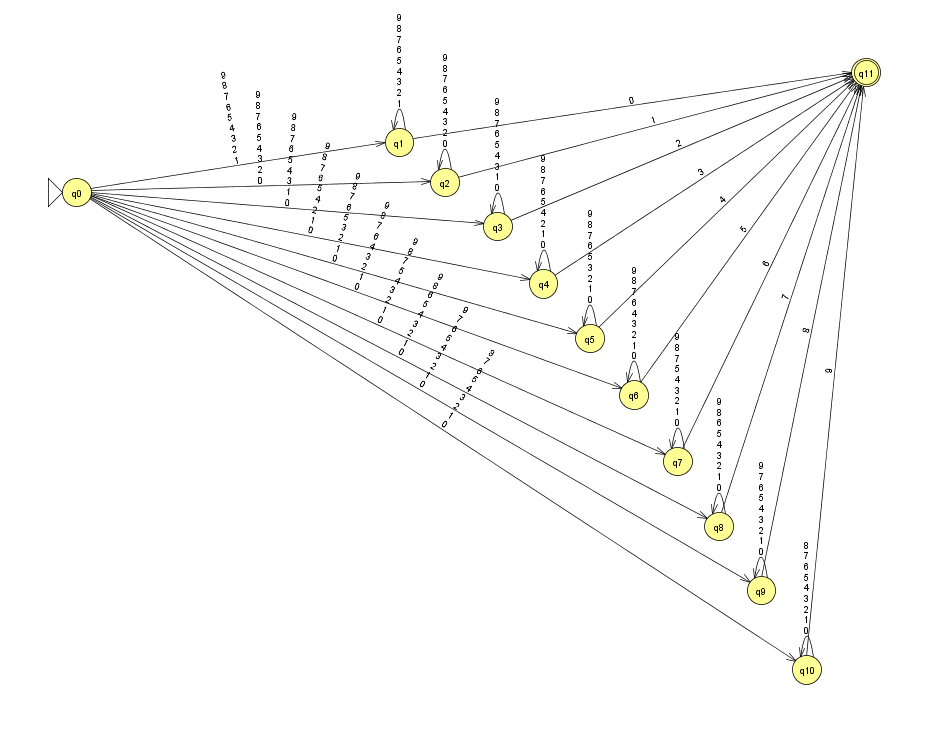


**2.3.4**

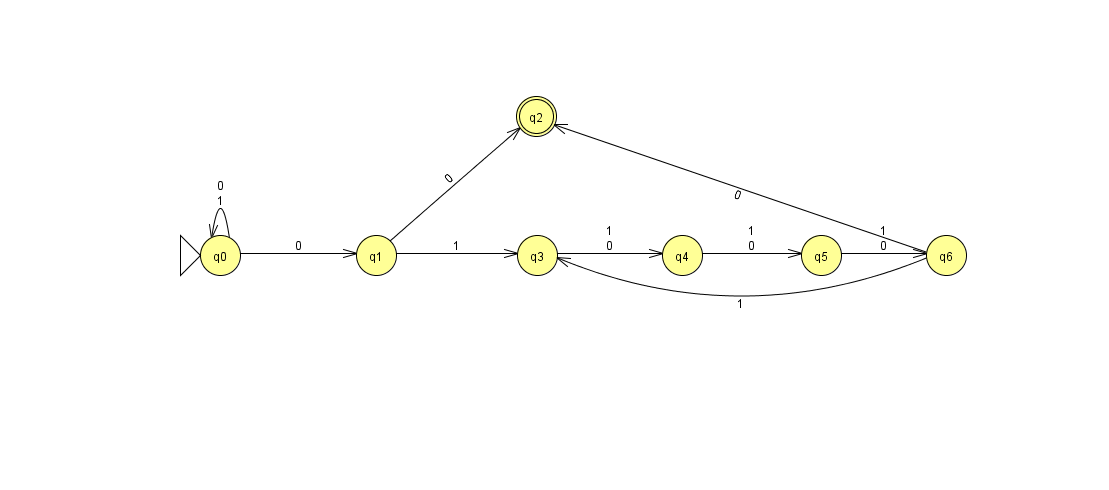
(a)



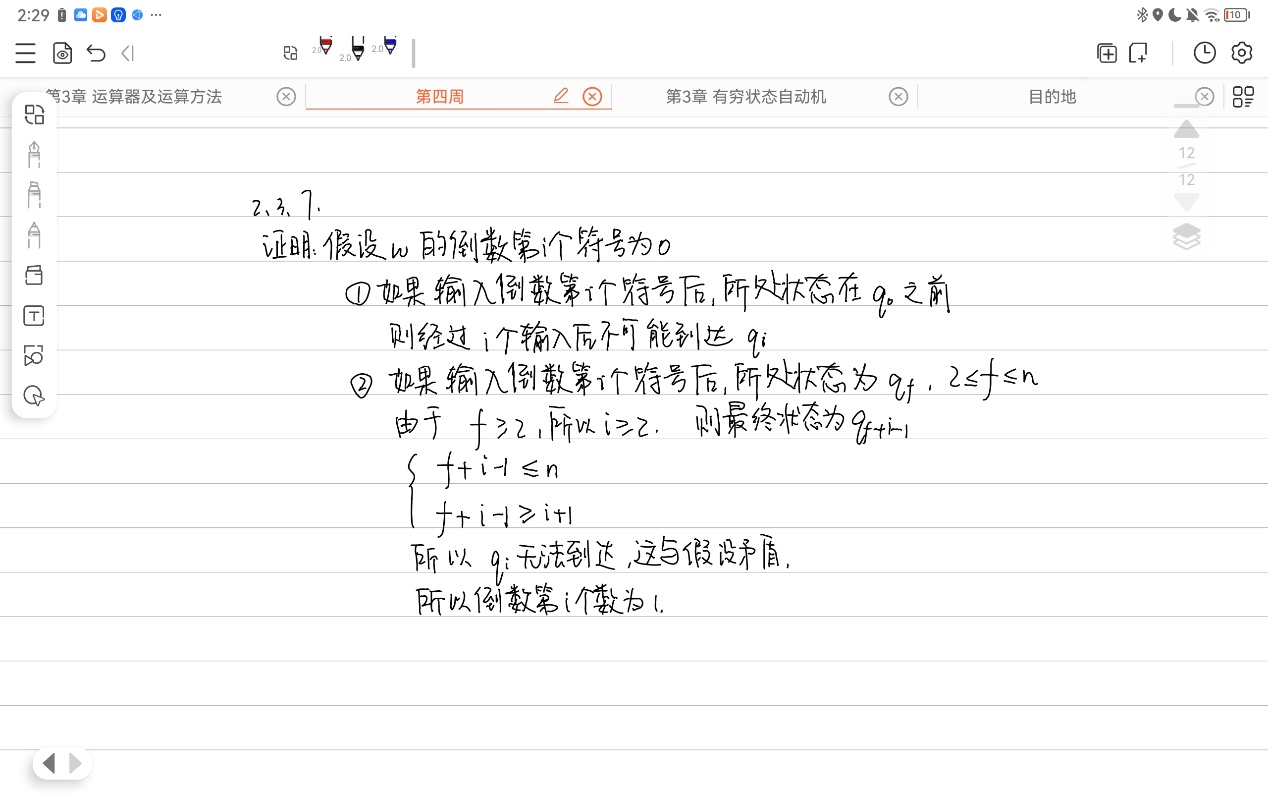
(b)



(c)

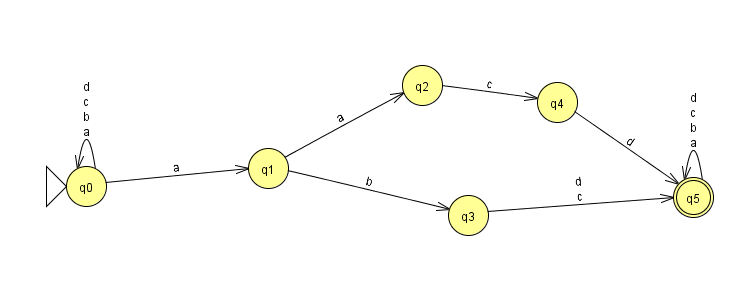


**2.3.7**

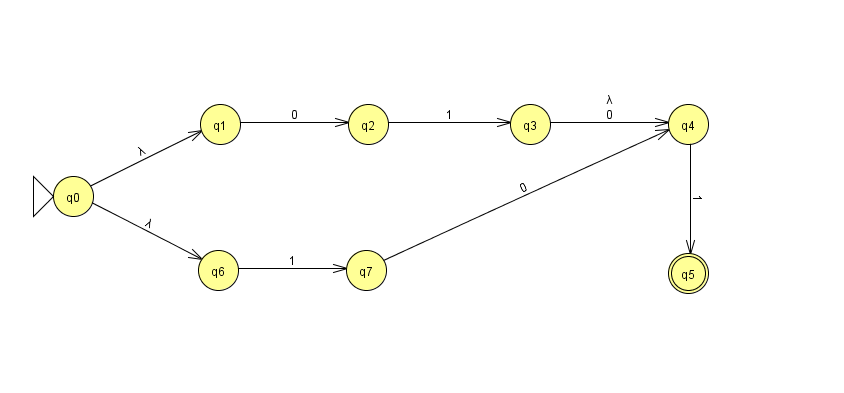


**2.4.1**

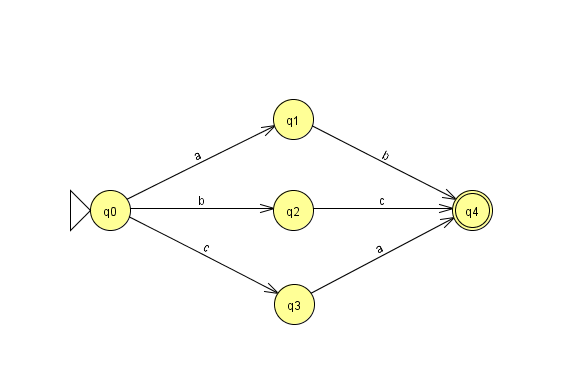
(a)



(b)

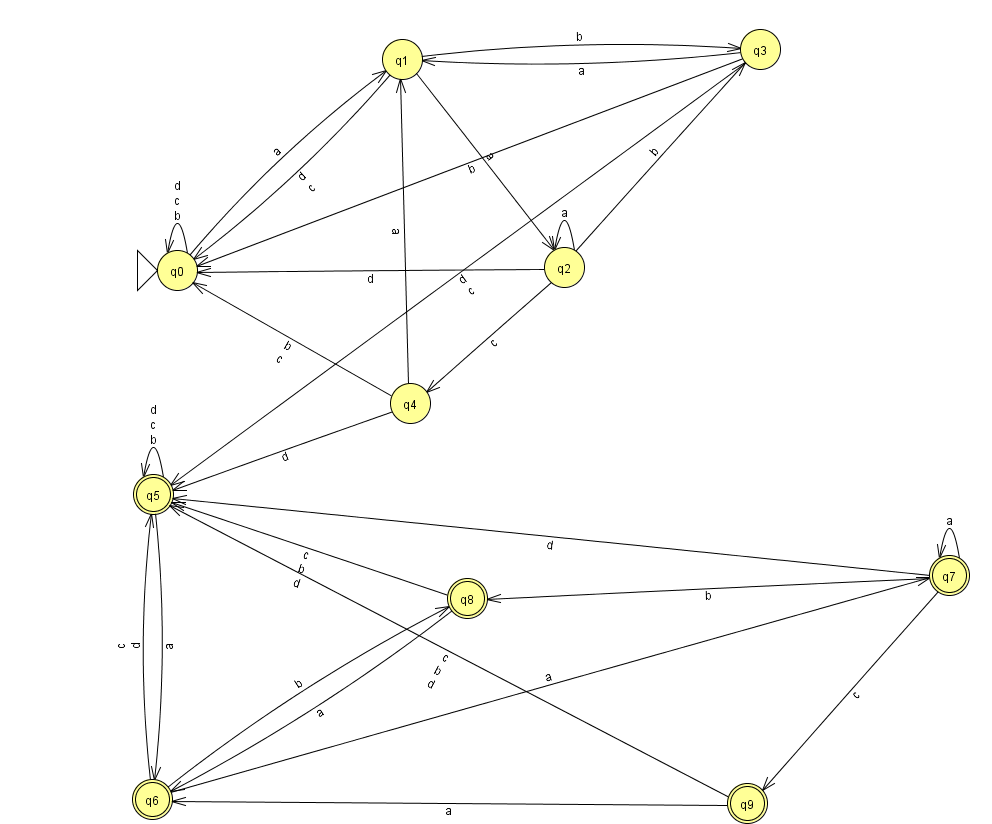


(c)

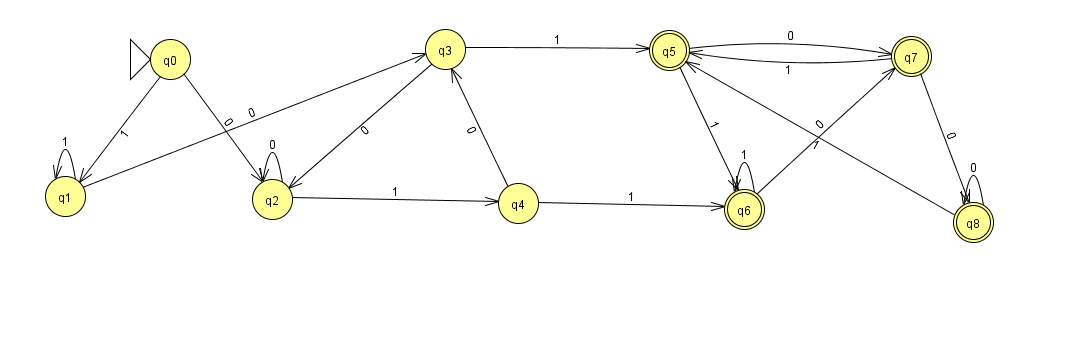


**2.4.2**

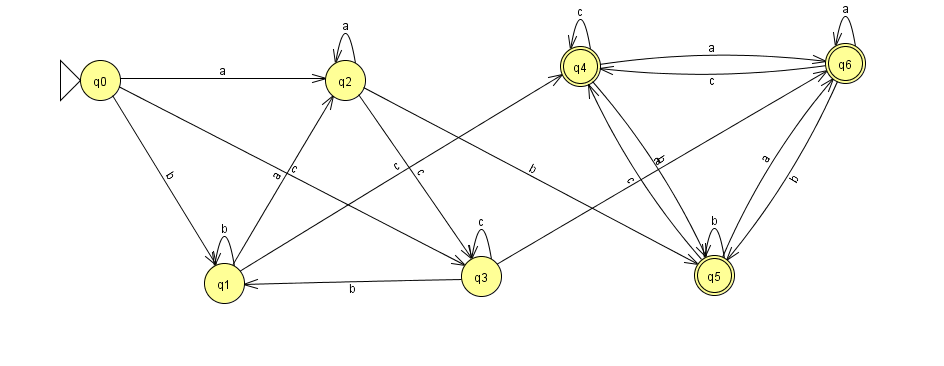
(a)



(b)

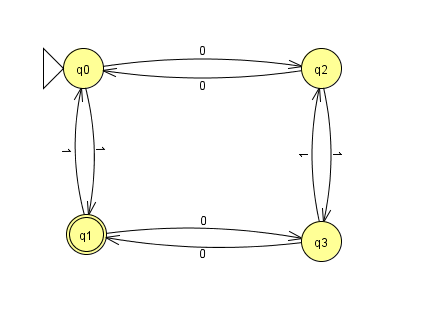


(c)

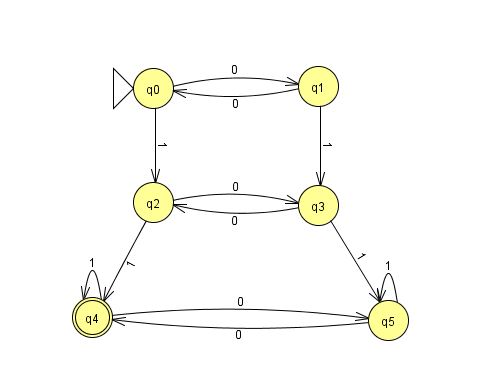


**补充题2**

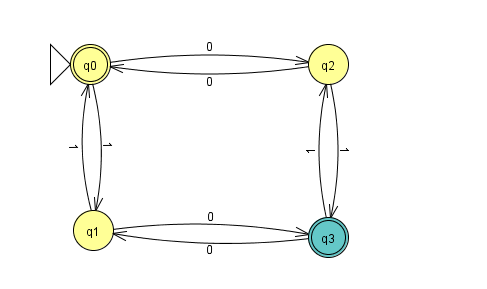
1.



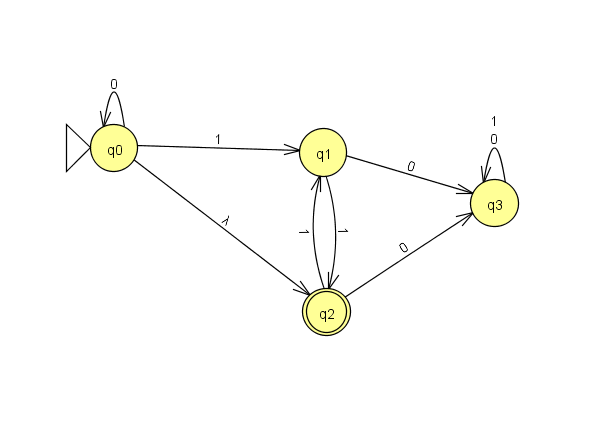
2.



3.



4.



**补充题3**

是正则语言，构造出其DFA如下：

