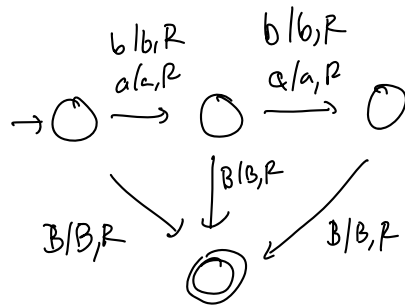
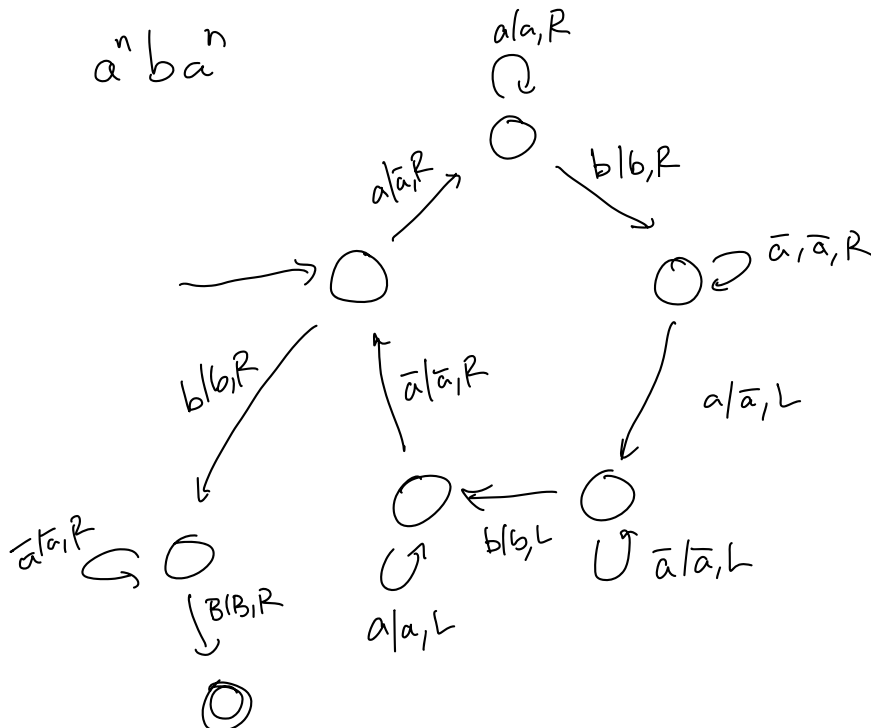


$$1aabb \mapsto B2abb \mapsto a2bb \mapsto ab2b \mapsto abb2B$$
$$\mapsto 2b \mapsto 62B \mapsto 3b \mapsto 4B \mapsto 1B \mapsto 5B \quad \text{accepted!}$$
$$\underline{\underline{\neq 2c}}$$


2f

$$a^n b a^n$$


#3

Use the same diagram. any arrow $\xrightarrow{a}$
becomes $\xrightarrow{a/a, R}$

Any accepting state  becomes



the example is:

