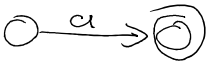
Beispiel 1: $a\,b^*$

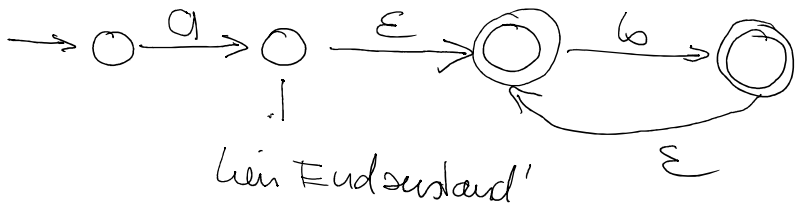
1. Schritt: a: 

b: 

2. Schritt b^*: 

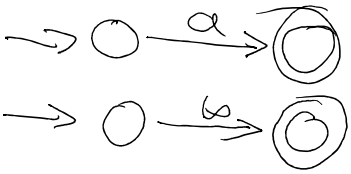
Rückführweg

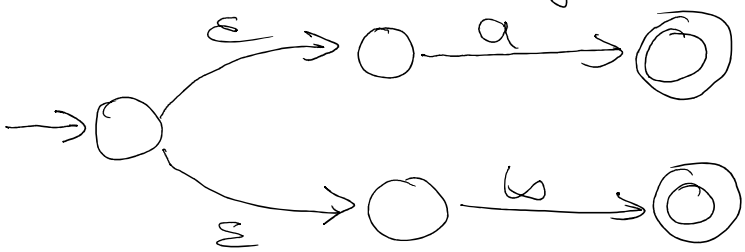
3. Schritt:

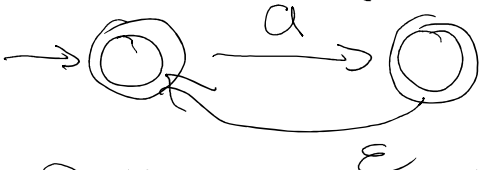
Reihenschaltung: 

kein Endzustand

Beispiel 2: $(a|b)\,a^*$

1. Schritt: 

2. Schritt: Parallelschaltung: 

3. Schritt Rückführweg: 

4. Schritt: Reihenschaltung 