Figure 1: Q01: $L_1 = (a+b)*a$
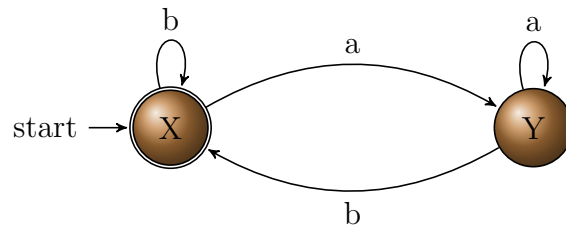

Figure 2: Q01: $L_2 = b(a+b)*$
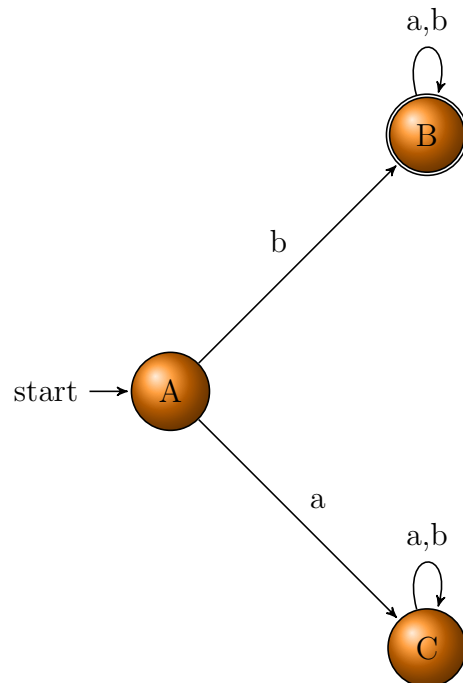
Figure 3: Q01: $L_1 \bigcap L_2$
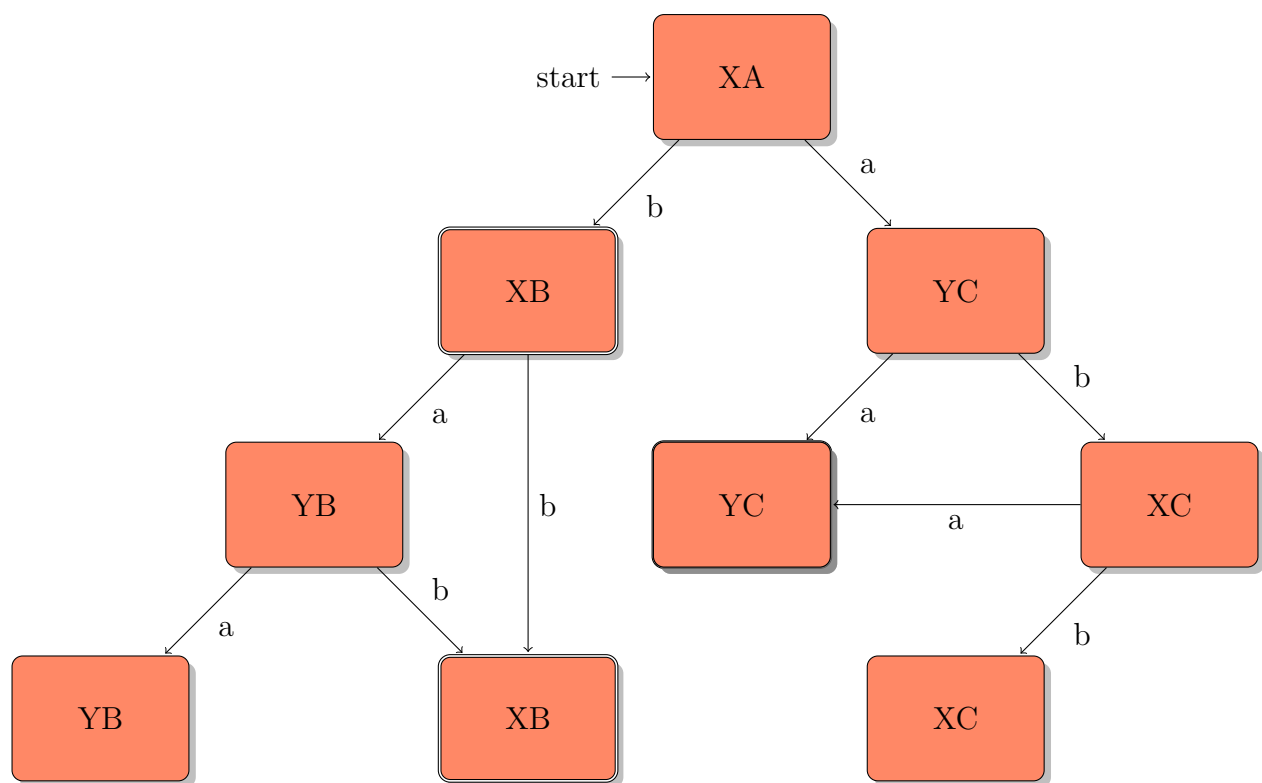
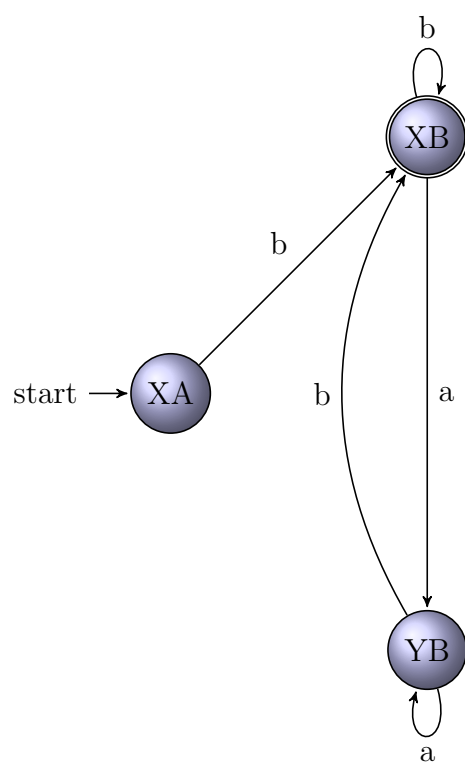**Figure 4:** Q01: L_3 = b(b*+a)(a*+b)

Figure 5: Q02: $L_1 = $ (a+b)b(a+b)*
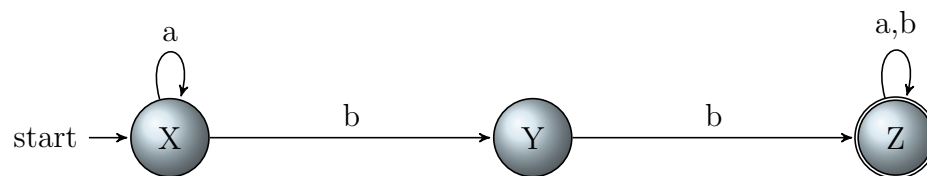

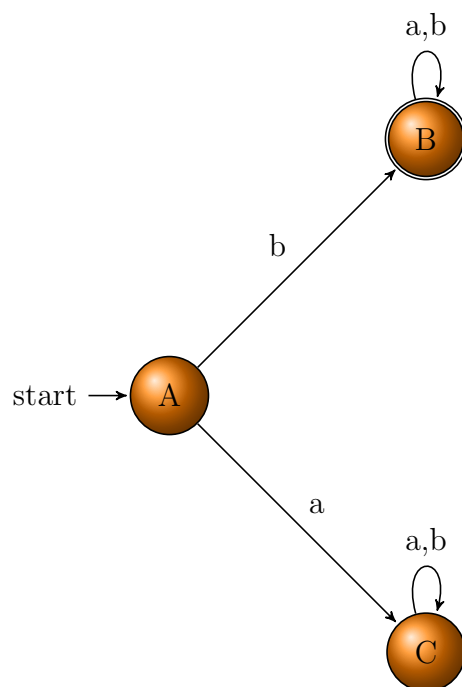**Figure 6:** Q02: $L_2 = $ b(a+b)*

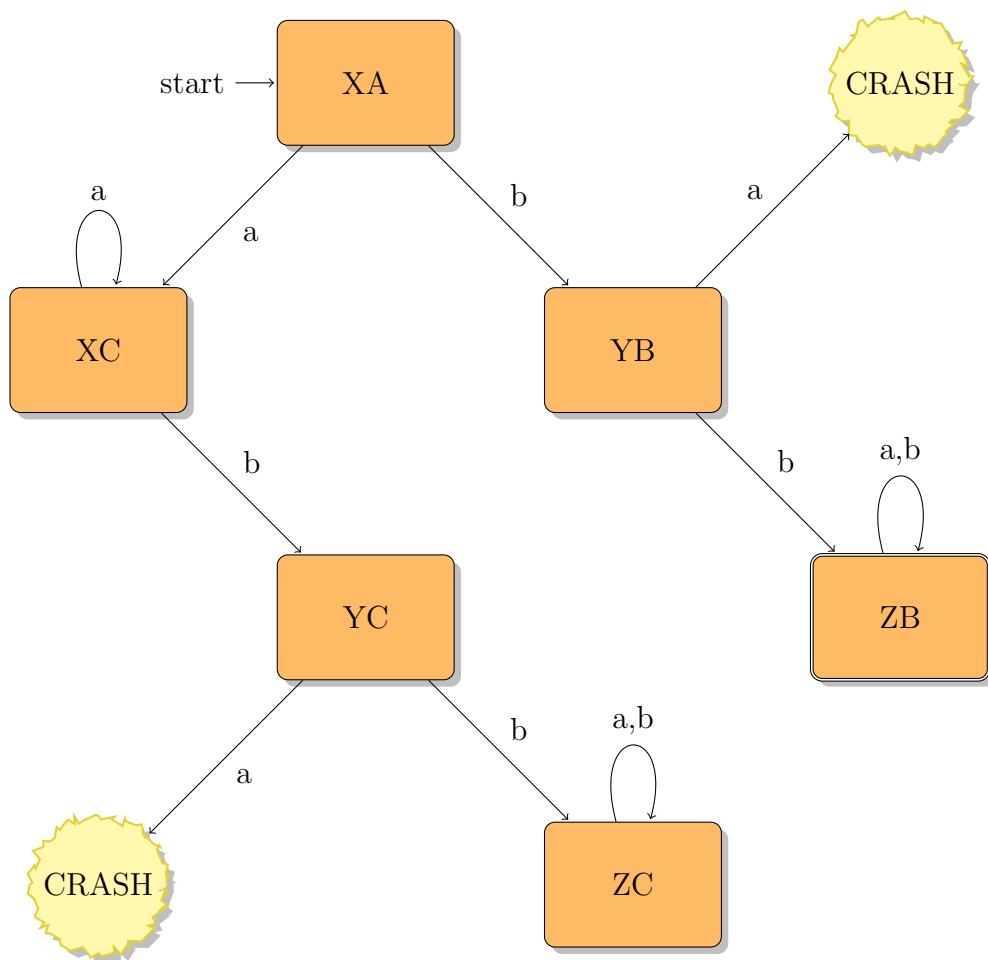**Figure 7:** Q02: $L_1 \bigcap L_2$
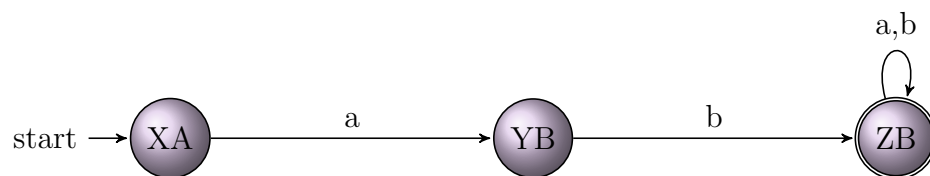

Figure 8: Q02: $L_3 = bb(a+b)^*$

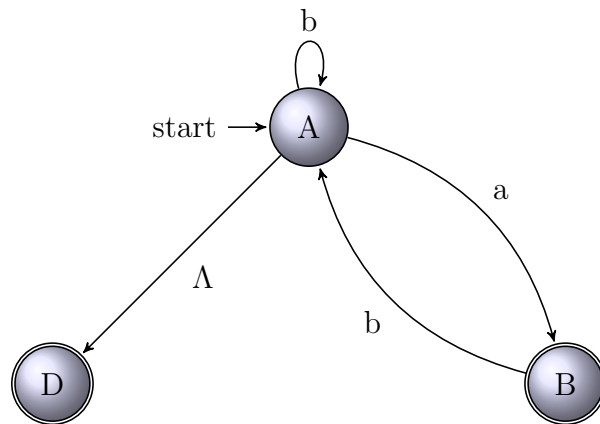**Figure 9:** Q03: L_1 = (b+ab)*(a+Λ)

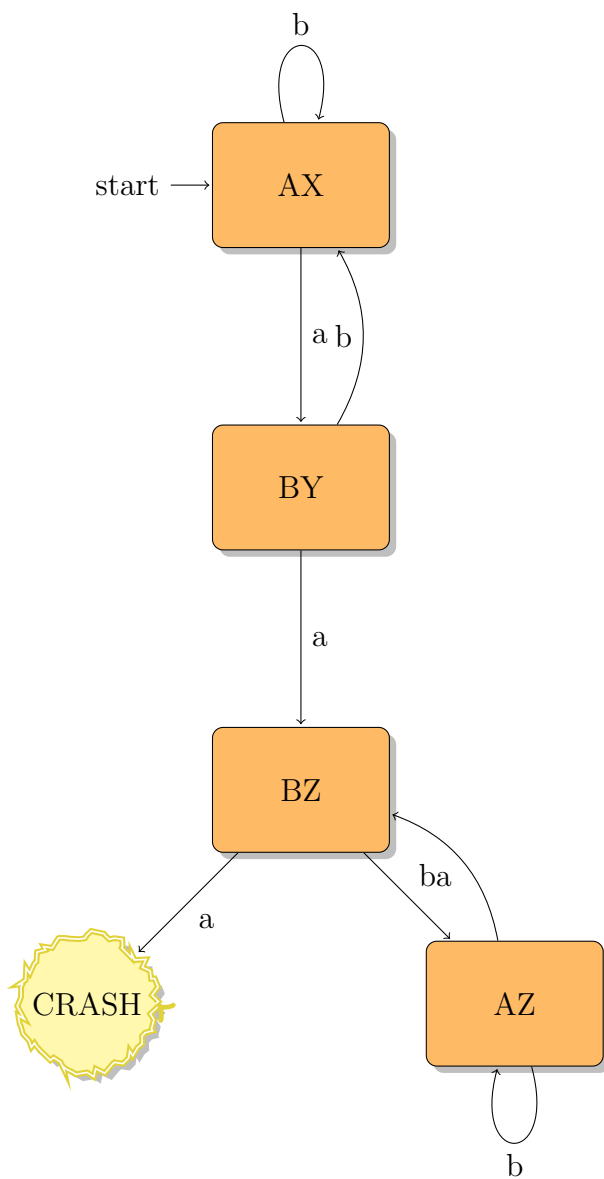**Figure 10:** Q03: L_2 = (a+b)*aa(a+b)*
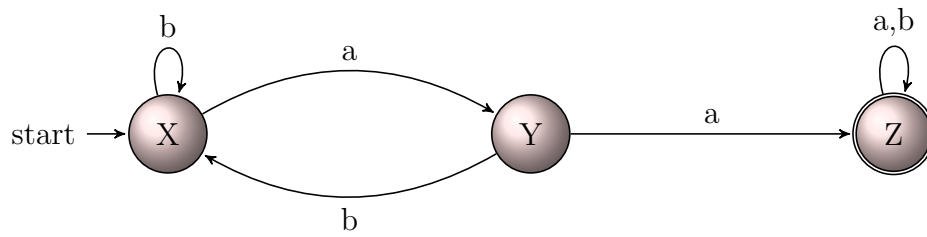
Figure 11: Q02: $L_1 \bigcap L_2$

Figure 12: Q03: $L_3 = $ (a+b)*aab(b+a)*