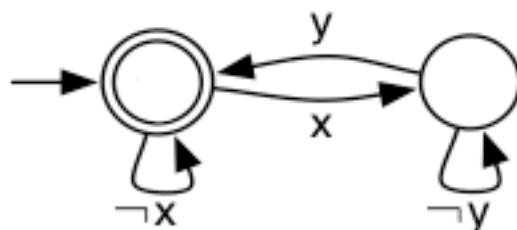


# Invariant Regular Expression

# Invariant DFA

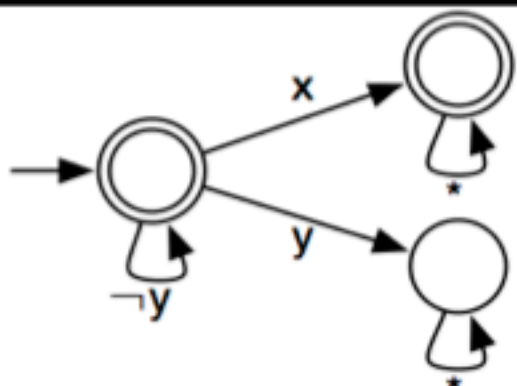
X always followed by Y

$([X] | (X[Y]^*Y))^*$



X always precedes Y

$[Y]^*(X \cdot)^*$



X never followed by Y

$[X]^*(X[Y]^*)^*$

