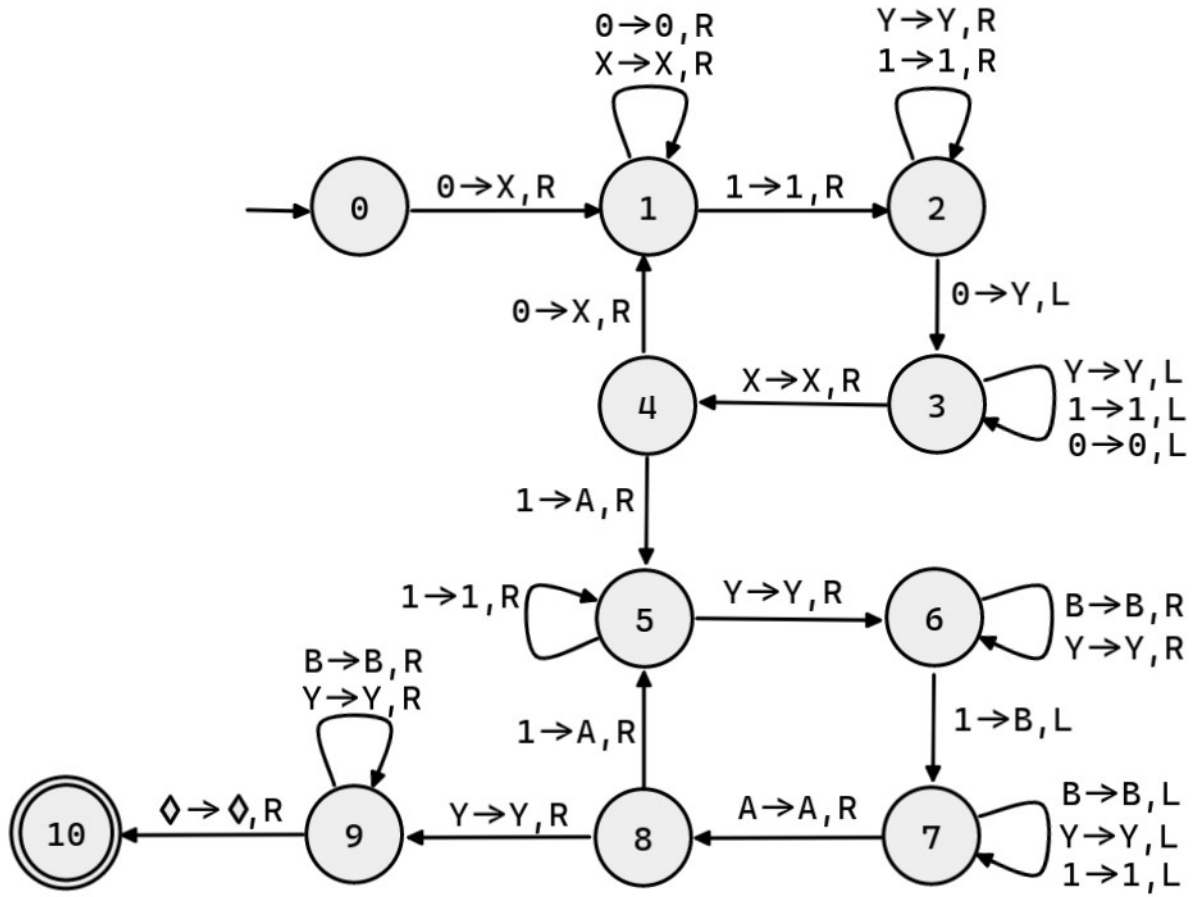


Theory Of Automata

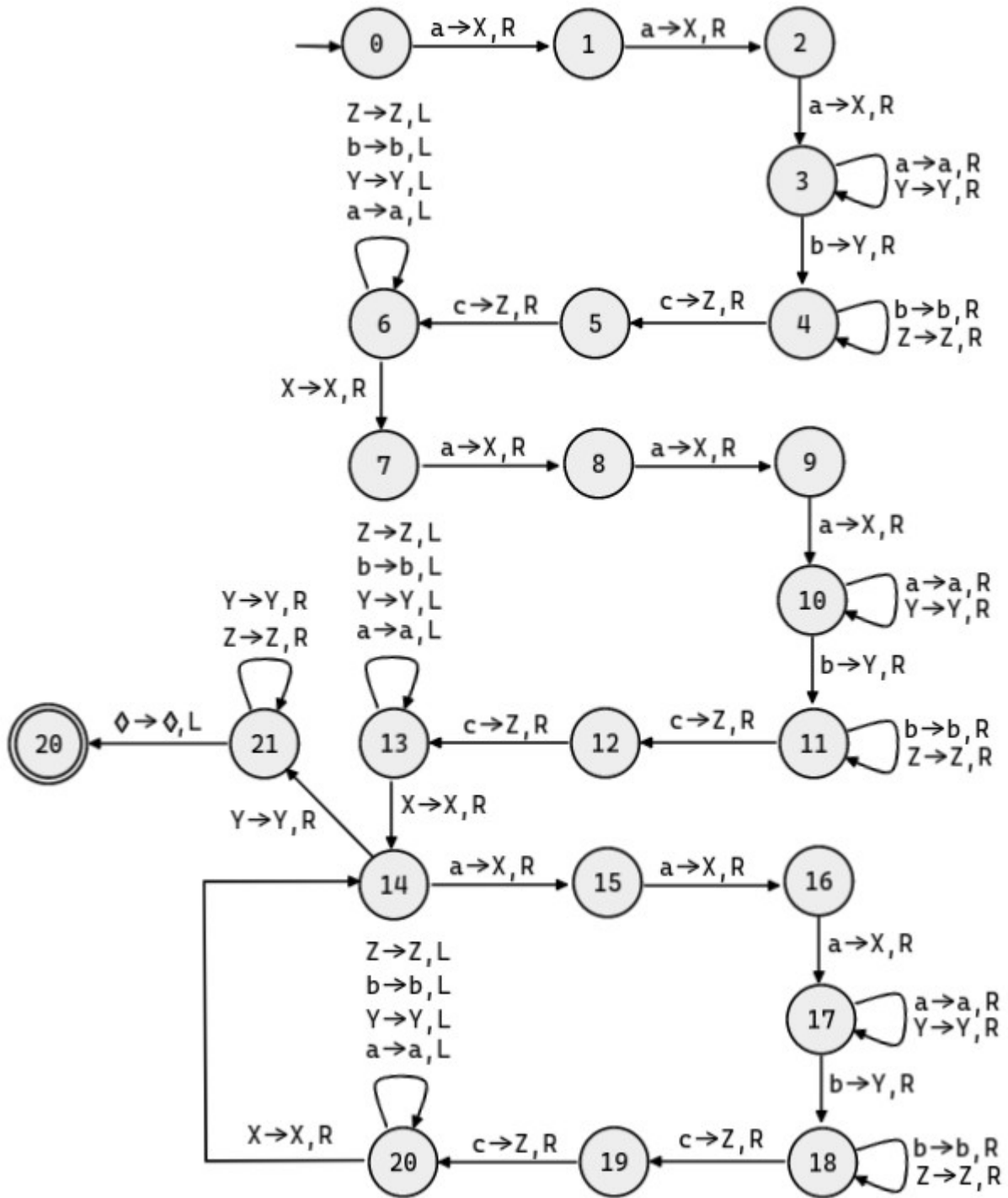
Assignment # 4



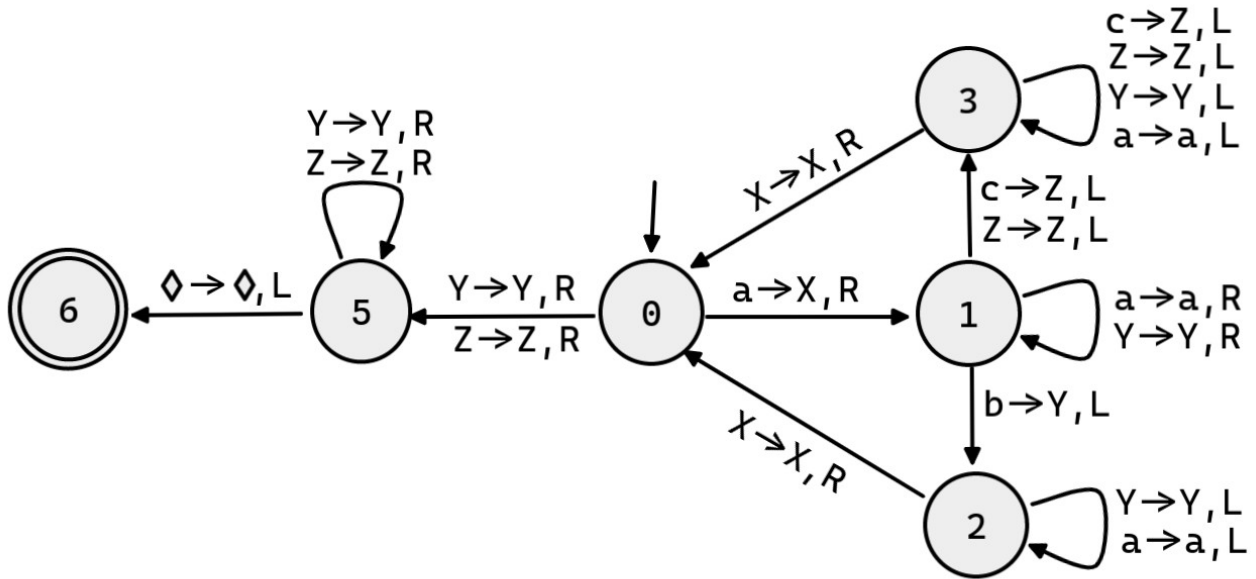
$$0^n 1^m 0^n 1^m \mid n, m \geq 1$$



$$a^{3n}b^nc^{2n} \mid n \geq 2$$



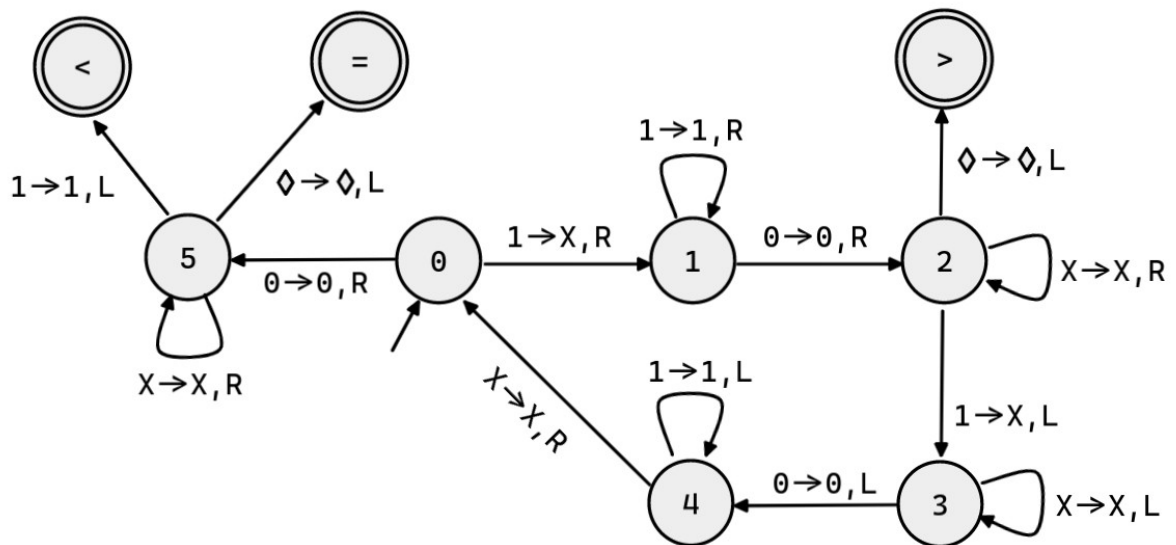
$$a^{n+m}b^nc^m \mid n \geq 0$$



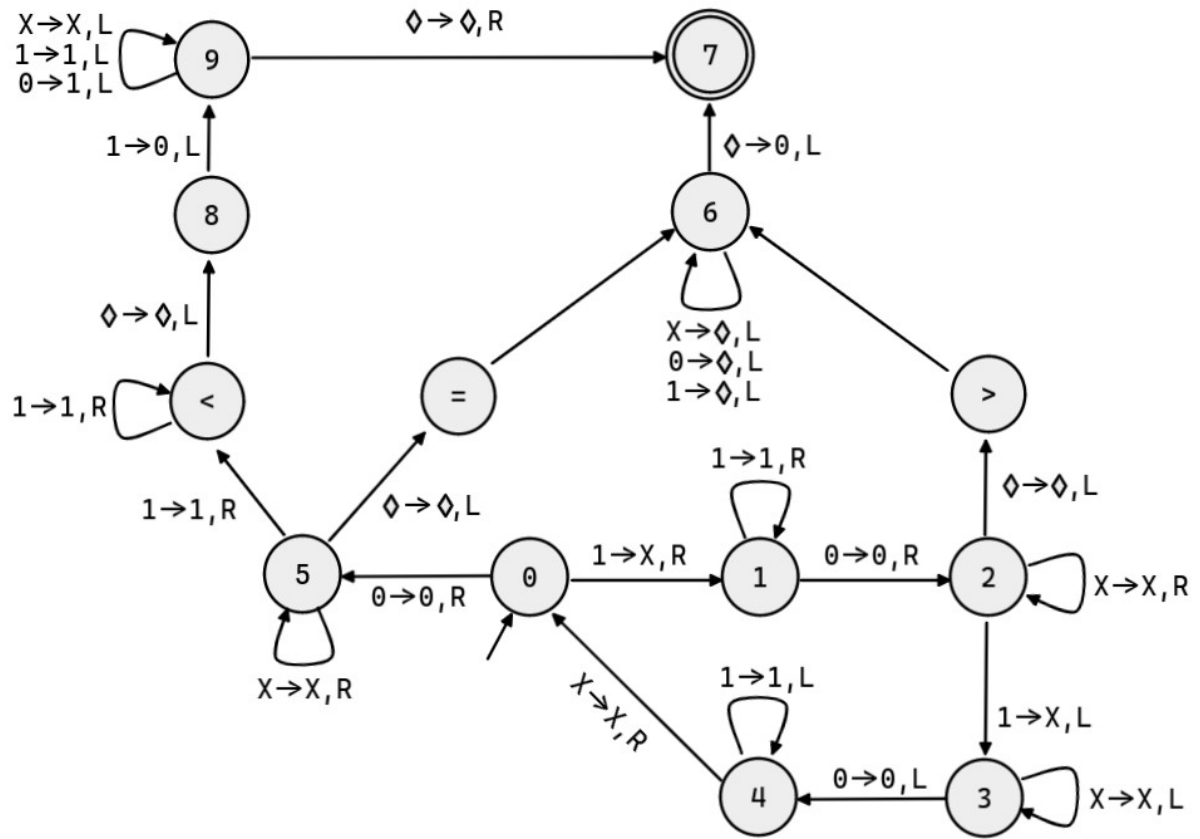
Exit zen m

← Comparator →

COMPARATOR $x \geq y$



$x+y$ when $x < y$, and 0 when $x \geq y$



$x+y$ when $x < y$, and $x-y$ when $x > y$, and “zero” when $x = y$

