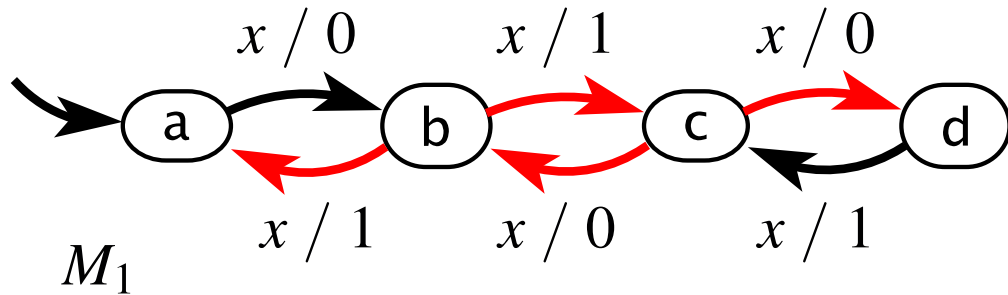
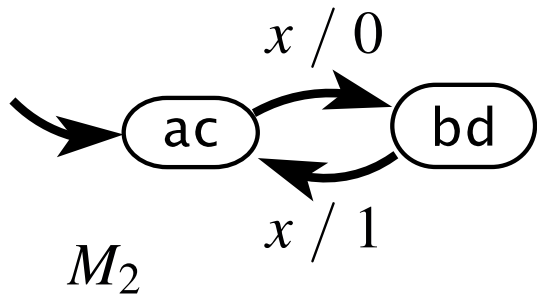


**input:**  $x$ : pure

**output:**  $y$ :  $\{0, 1\}$



(a)



(b)