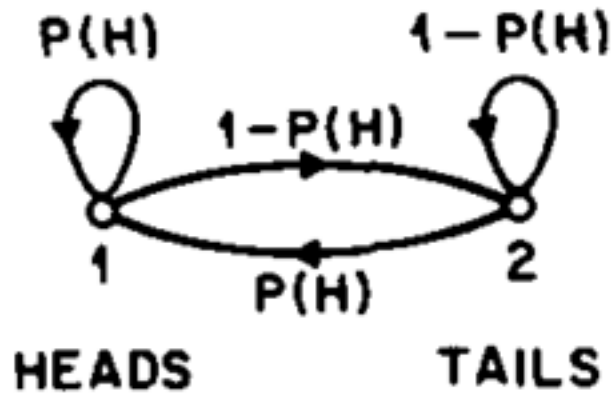


(a)



$O = HHTTHTHTHTH \dots$

$S = 11221211221 \dots$