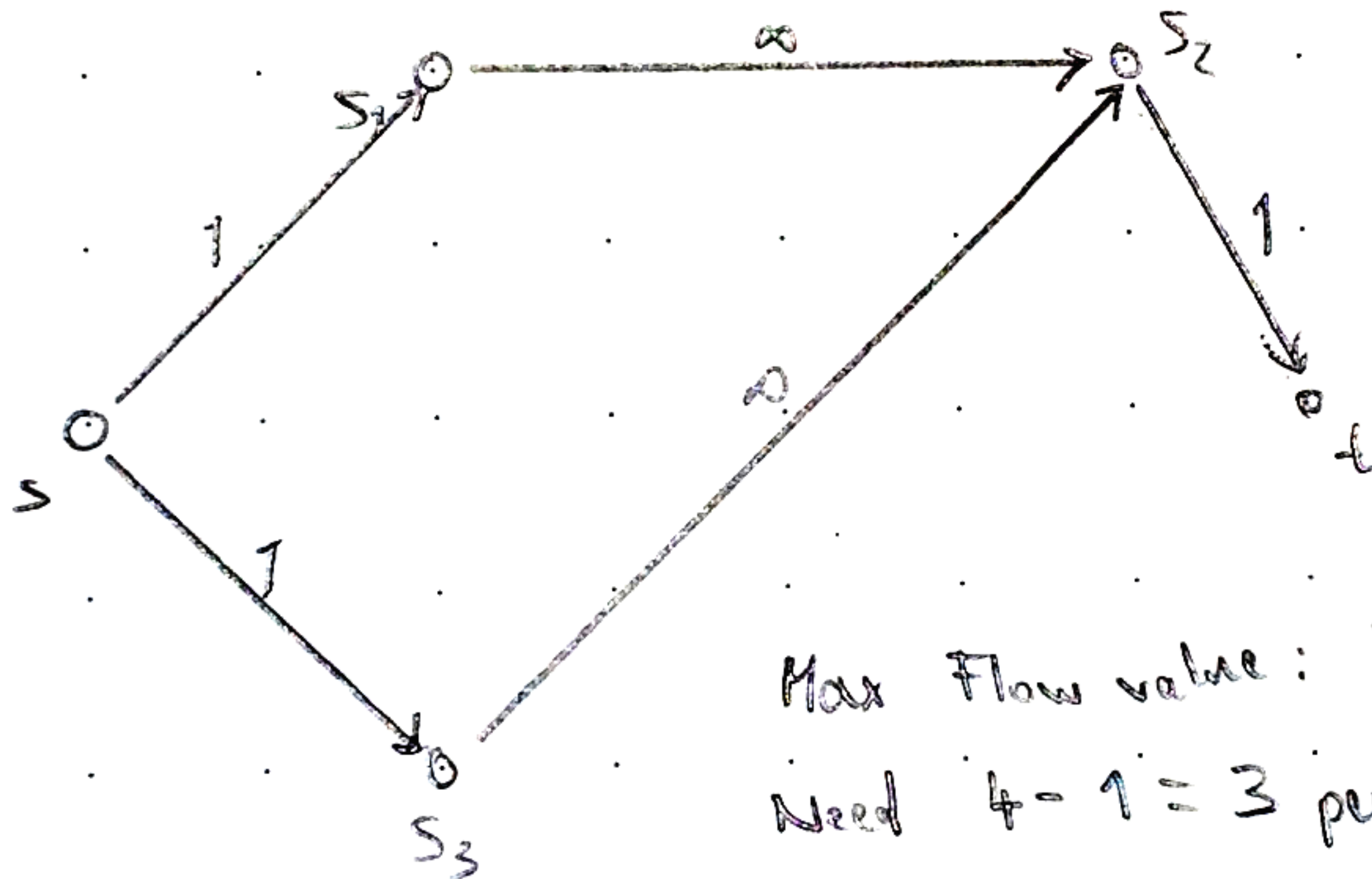


$S_1 \rightarrow S_2$

$S_3 \rightarrow S_2$

$S_4$



Max Flow value : 1

Need  $4 - 1 = 3$  permutations