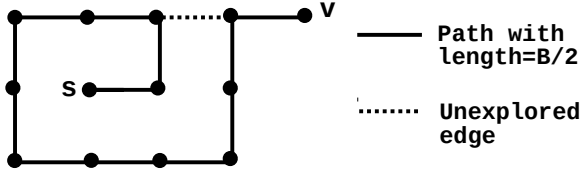
v
s
Path with length=B/2
Unexplored edge