

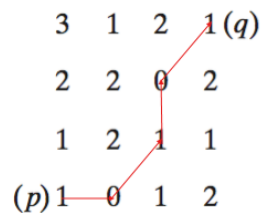
ECE 558 Project 1

Problem 2

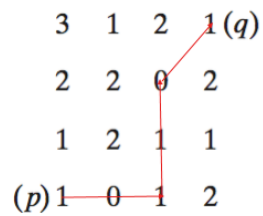
a.

The 4-path does not exist since the 4 adjacencies of q are not accessible.

The shortest length of 8-path is 4.

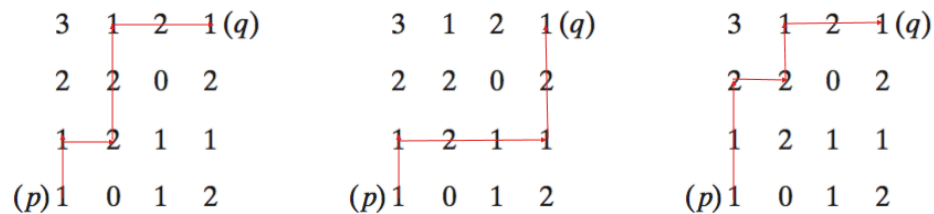


The shortest length of m-path is 5.

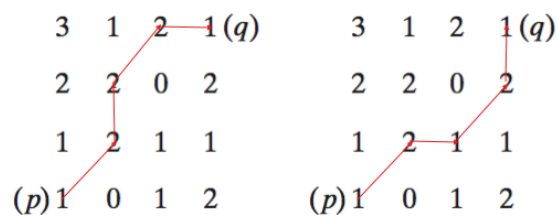


b.

The shortest length of 4-path is 6.



The shortest length of 8-path is 4.



The shortest length of m-path is 6.

