$\rm EE~360C$ - Algorithms The University of Texas at Austin

Dr. Pedro Santacruz October 16, 2014

Name: UT EID:

Depth First Search: Suppose G is a connected undirected graph. An edge whose removal disconnects the graph is called a bridge. Either prove the following statement or provide a counter-example: every bridge e must be an edge in a depth-first search tree of G.