

CSE780 Homework 5
Due Monday, November 10

1. Page 495, 23-1 (b) (old version), Page 558, 22-1 (b) (new version)
2. An *articulation point* of a connected (undirected) graph G is a vertex whose removal disconnects G . Give an algorithm for reporting all articulation points of a connected graph G in $O(|V| + |E|)$ time. Argue for correctness of your algorithm.