

CSCI 271

Homework 10

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1. $c, d, b, c, e, d, a, b, f, a, e, f$
2. Yes.
3. Yes.
4. Nein; there is no escape from either pendent triangle without encroaching upon its articulation point twice.
5. Nein; no réentrance to pendent vertex f without double encroachment.
6. 7
7. See figure 1.

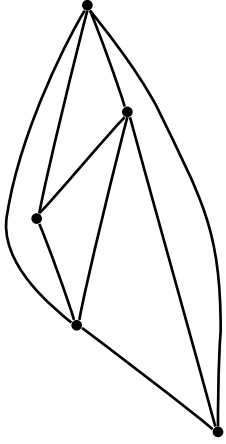


Figure 1: Problem 7

8. See figure 2.

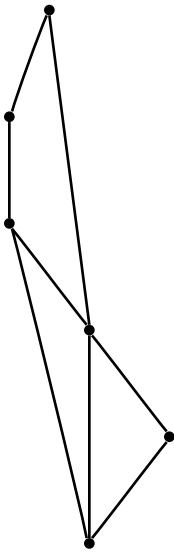


Figure 2: Problem 8

9.

$$r = e - v + 2 \quad (1)$$

$$= 22 \quad (2)$$

10. 4