

Homework Eight – Part A: Analytical Problems

Problem One

- a. A, B, C, D; E, F
- b. A, B, C, D; E, F
- c. A, C, B, D; E, F
- d/e. Depth-first search: F, E; D, B, A, C
Breadth-first search: F, E; D, B, C, A

Problem Two

- a. A, B, D, C, E
- b. A, B, D, E, C
- c. A, E, D, B, C
- d/e. Depth-first search: E, A, B, D, C
Breadth-first search: E, A, B, D, C

Problem Three

- a. (a.1) A, B, C, D, G, F, E
(a.2) A, B, C, D, G, F, E
- b. A, B, E, C, F, D, G
- c. (c.1) G, F, E, D, B, C, A
(c.2) G, F, E, D, B, C, A
- d. G, F, E, D, B, C, A

Problem Four

- a. (a.1) A, B, C, D, F, E, G
(a.2) A, B, C, D, F, E, G
- b. A, B, C, D, F, E, G
- c. (c.1) G, D, B, F, E, A, C
(c.2) G, D, B, F, E, A, C

d. G, D, B, F, E, A, C