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BTLT chương 5

Bài 1**:** Đếm bậc các đỉnh

Hình 5.1:

1. = 3

(B) = 4

(C) = 4

(D) = 4

(E) = 2

(F) = 5

(G) = 2

Hình 5.2:

(A) = 5

(B) = 4

(C) = 4

(D) = 5

(E) = 2

(F) = 6

Hình 5.3:

(A) = 5

(B) = 6

(C) = 4

(D) = 4

(E) = 4

(F) = 3

Hình 5.6:

(A) = 3

(B) = 4

(C) = 4

(D) = 3

(E) = 4

(F) = 2

Bài 2**:** Cho biết ma trận kề

5.1

A B C D E F G

A **0** 1 1 1 0 0 0

B 1 **0** 1 0 1 1 0

C 1 1 **0** 1 0 1 0

D 1 0 1 **0** 0 1 1

E 0 1 0 0 **0** 1 0

F 0 1 1 1 1 **0** 1

G 0 0 0 1 0 1 **0**

5.6

A B C D E F

A **0** 1 1 1 0 0

B 1 **0** 1 0 1 1

C 1 1 **0** 1 1 0

D 1 0 1 **0** 1 0

E 0 1 1 1 **0** 1

F 0 1 0 0 1 **0**

5.7

A B C D E F

A **0** 1 1 1 0 0

B 1 **0** 1 0 1 1

C 1 1 **0** 1 1 0

D 1 0 1 **0** 1 0

E 0 1 1 1 **0** 1

F 0 1 0 0 1 **0**

Bài 3: Cho biết danh sách kề của đồ thi

5.7

[0]: A -> B -> C -> D -> NULL

[1]: B -> A -> C -> E -> F -> NULL

[2]: C -> A -> B -> D -> E -> NULL

[3]: D -> A -> C -> E -> NULL

[4]: E -> B -> C -> D -> F -> NULL

[5]: F -> B -> E -> NULL

5.8

[0]: A -> B -> C -> D -> NULL

[1]: B -> A -> C -> E -> F -> NULL

[2]: C -> A -> B -> D -> F -> NULL

[3]: D -> A -> C -> F -> G -> NULL

[4]: E -> B -> F -> NULL

[5]: F -> B -> C -> D -> E -> G -> NULL

[6]: G -> D -> F -> NULL