**BÀI TẬP LÝ THUYẾT – CHƯƠNG 5**

**Bài 2: Ma trận kề:**

+ Ví dụ 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 0 0 1 0

+ Ví dụ 5.6:

A B C D E F

A 1 1 1 1 0 0

B 0 0 1 0 1 0

C 0 0 0 1 1 0

D 0 0 0 0 0 1

E 0 0 0 0 0 1

F 0 1 0 0 1 0

+ Ví dụ 5.7:

A B C D E F

A 0 110 90 100 0 0

B 110 0 50 0 55 80

C 90 50 0 40 80 0

D 100 0 40 0 60 0

E 0 55 80 60 0 70

F 0 80 0 0 70 0

+ Ví dụ 5.11:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | [1] | [2] | [3] | [4] | [5] | [6] | [7] | [8] | [9] | [10] | [11] | [12] | [13] | [14] |
| [1] | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| [2] | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| [3] | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| [4] | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| [5] | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| [6] | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| [7] | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| [8] | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| [9] | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| [10] | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| [11] | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| [12] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| [13] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| [14] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |