|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 無向 | A | B | C | D | E |
| A | 0 | 1 | 0 | 1 | 0 |
| B | 1 | 0 | 1 | 1 | 0 |
| C | 0 | 1 | 0 | 0 | 1 |
| D | 1 | 1 | 0 | 0 | 1 |
| E | 0 | 0 | 1 | 1 | 0 |

此為無向矩陣

分支度:A=2 B=3 C=2 D=3 E=2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 有向 | A | B | C | D | E |
| A | 0 | 1 | 0 | 0 | 0 |
| B | 0 | 0 | 1 | 1 | 0 |
| C | 0 | 0 | 0 | 0 | 1 |
| D | 1 | 0 | 0 | 0 | 0 |
| E | 0 | 0 | 0 | 1 | 0 |

此唯有向矩陣

分支度:A=1 B=2 C=1 D=1 E =1

相鄰串列深度&廣度搜尋示意圖

2/

6/

5/

4

3/

5/

6/

2

5

4

1

1

2

1

對照

3

4

5

6