Adjacency Matrix

無向圖

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 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 |

分支度:

A:2

B:3

C:2

D:3

E:2

有向圖

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 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 |

分支度:

A: Indegree:1 Outdegree:1 Degree:2

B: Indegree:1 Outdegree:2 Degree:3

C: Indegree:1 Outdegree:1 Degree:2

D: Indegree:2 Outdegree:1 Degree:3

E: Indegree:1 Outdegree:1 Degree:2

Adjacency List

有向圖

A->B

B->C->D

C->E

D->A

E->D