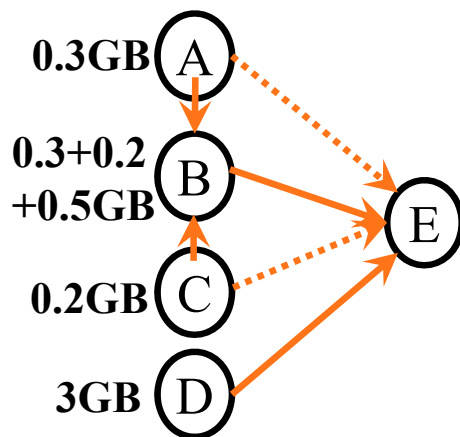


The original demand matrix C

| | A-D | E |
|---|-----|-----|
| A | 0 | 0.2 |
| B | 0 | 0.5 |
| C | 0 | 0.3 |
| D | 0 | 3 |
| E | 0 | 0 |

Reshape



The reshaped demand matrix C*

| | A | B | C-D | E |
|---|---|------------|-----|--------------------|
| A | 0 | 0.2 | 0 | 0 |
| B | 0 | 0 | 0 | 0.5+0.2+0.3 |
| C | 0 | 0.3 | 0 | 0 |
| D | 0 | 0 | 0 | 3 |
| E | 0 | 0 | 0 | 0 |

Good Match



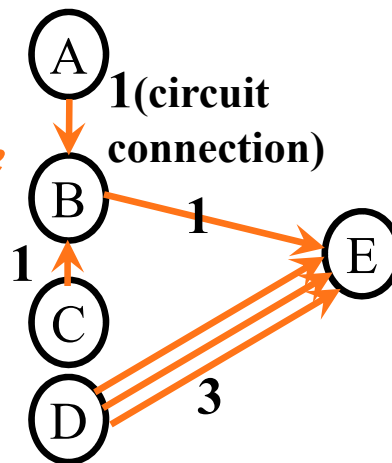
All feasible circuit configurations {M}

| | A | B | C | D | E |
|---|----------|----------|----------|----------|----------|
| A | M_{11} | M_{12} | M_{13} | M_{14} | M_{15} |
| B | M_{21} | M_{22} | M_{23} | M_{24} | M_{25} |
| C | M_{31} | M_{32} | M_{33} | M_{34} | M_{35} |
| D | M_{41} | M_{42} | M_{43} | M_{44} | M_{45} |
| E | M_{51} | M_{52} | M_{53} | M_{54} | M_{55} |

Configure



The circuit configuration M* for C*



| | A | B | C-D | E |
|---|---|---|-----|---|
| A | 0 | 1 | 0 | 0 |
| B | 0 | 0 | 0 | 1 |
| C | 0 | 1 | 0 | 0 |
| D | 0 | 0 | 0 | 3 |
| E | 0 | 0 | 0 | 0 |