

Partition: 1 (edges with source vertices from 1 to 4)

| | | | | | | |
|-----|----|----|----|----|----|---|
| (1) | 12 | 13 | 14 | 15 | 15 | 8 |
| (2) | 3 | 9 | 11 | | | |
| (3) | 9 | 1 | 46 | 46 | 50 | |
| (4) | 11 | 18 | 31 | 10 | | |

Partition: 3 (edges with source vertices from 9 to 13)

| | | | | | | |
|------|-----|----|----|----|----|--|
| (9) | 100 | 17 | 18 | 19 | | |
| (10) | 5 | 6 | 12 | | | |
| (11) | 86 | 96 | 9 | 14 | | |
| (12) | 1 | 11 | 16 | 13 | | |
| (13) | 45 | 50 | 50 | 7 | 13 | |

Fixed-size new edges array

| | | | |
|-----|-----|----|----|
| 9 | 11 | 18 | 31 |
| 1 | 100 | 86 | |
| 100 | 13 | 14 | 15 |
| 8 | 5 | 6 | 7 |
| 1 | 100 | 86 | 96 |
| 14 | 45 | 50 | 16 |
| 13 | 7 | 13 | |
| | | | |
| | | | |

Row lock array

| |
|---|
| 0 |
| 1 |
| 0 |
| 0 |
| 1 |
| 0 |
| 0 |
| 1 |
| 1 |

Similar corresponding adjacency lists and a new edge array are maintained for edge values.