Tabela – Matriz de cobertura obtida pela rotina desenvolvida e vetor de demanda

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | | 3 | | 4 | | 5 | | | 6 | 7 | | 8 | | 9 | | 10 | | 11 | | 12 | | 13 | | 14 | | 15 |  | Dem |
| 1 | 1 | 0 | | 0 | | 1 | | 0 | | | 0 | 0 | | 1 | | 1 | | 1 | | 0 | | 0 | | 0 | | 0 | | 0 |  | 30 |
| 2 | 0 | 1 | | 0 | | 0 | | 1 | | | 0 | 0 | | 0 | | 0 | | 0 | | 0 | | 1 | | 1 | | 0 | | 1 |  | 25 |
| 3 | 0 | 0 | | 1 | | 0 | | 0 | | | 1 | 1 | | 0 | | 0 | | 0 | | 1 | | 0 | | 0 | | 0 | | 0 |  | 30 |
| 4 | 0 | 0 | | 0 | | 1 | | 0 | | | 0 | 0 | | 1 | | 0 | | 1 | | 0 | | 0 | | 0 | | 0 | | 0 |  | 30 |
| 5 | 0 | 0 | | 0 | | 0 | | 1 | | | 0 | 0 | | 0 | | 0 | | 0 | | 0 | | 1 | | 1 | | 0 | | 1 |  | 30 |
| 6 | 0 | 0 | | 0 | | 0 | | 0 | | | 1 | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 |  | 30 |
| 7 | 0 | 0 | | 0 | | 0 | | 0 | | | 0 | 1 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 |  | 30 |
| 8 | 0 | 0 | | 0 | | 0 | | 0 | | | 0 | 0 | | 1 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 |  | 45 |
| 9 | 0 | 0 | | 0 | | 0 | | 0 | | | 0 | 0 | | 0 | | 1 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 |  | 30 |
| 10 | 0 | 0 | | 0 | | 0 | | 0 | | | 0 | 0 | | 0 | | 0 | | 1 | | 0 | | 0 | | 0 | | 0 | | 0 |  | 30 |
| 11 | 0 | 0 | | 0 | | 0 | | 0 | | | 0 | 0 | | 0 | | 0 | | 0 | | 1 | | 0 | | 0 | | 0 | | 0 |  | 35 |
| 12 | 0 | 0 | | 0 | | 0 | | 0 | | | 0 | 0 | | 0 | | 0 | | 0 | | 0 | | 1 | | 1 | | 0 | | 1 |  | 50 |
| 13 | 0 | 0 | | 0 | | 0 | | 0 | | | 0 | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 1 | | 0 | | 1 |  | 0 |
| 14 | 0 | 0 | | 0 | | 0 | | 0 | | | 0 | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 1 | | 0 |  | 0 |
| 15 | 0 | 0 | | 0 | | 0 | | 0 | | | 0 | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 1 |  | 20 |
|  |  |  | |  | |  | |  | | |  |  | |  | |  | |  | |  | |  | |  | |  | |  |  |  |
|  |  |  | |  | |  | |  | | |  |  | |  | |  | |  | |  | |  | |  | |  | | Qtotal |  | 415 |
|  |  |  | |  | |  | |  | | |  |  | |  | |  | |  | |  | |  | |  | |  | |  |  |  |
|  |  | |  | | | | | | |  | | |  | |  | |  | |  | |  | |  | |  | |
|  |  | | NÒS MONITORADOS | | | | | | |  | | |  | |  | |  | |  | |  | |  | |  | |
|  |  | | **10** | | **8** | | **11** | | **15** |  | | | COBERTURA DO MONIORAMENTO | | | | | | | | | |  | |  | |
| 1 |  | | 1 | | 1 | | 0 | | 0 |  | | | 1 | |  | | 30 | |  | | 30 | |  | |  | |
| 2 |  | | 0 | | 0 | | 0 | | 1 |  | | | 1 | |  | | 25 | |  | | 25 | |  | |  | |
| 3 |  | | 0 | | 0 | | 1 | | 0 |  | | | 1 | |  | | 30 | |  | | 30 | |  | |  | |
| 4 |  | | 1 | | 1 | | 0 | | 0 |  | | | 1 | |  | | 30 | |  | | 30 | |  | |  | |
| 5 |  | | 0 | | 0 | | 0 | | 1 |  | | | 1 | |  | | 30 | |  | | 30 | |  | |  | |
| 6 |  | | 0 | | 0 | | 0 | | 0 |  | | | 0 | |  | | 30 | |  | | 0 | |  | |  | |
| 7 |  | | 0 | | 0 | | 0 | | 0 |  | | | 0 | |  | | 30 | |  | | 0 | |  | |  | |
| 8 |  | | 0 | | 1 | | 0 | | 0 |  | | | 1 | |  | | 45 | |  | | 45 | |  | |  | |
| 9 |  | | 0 | | 0 | | 0 | | 0 |  | | | 0 | |  | | 30 | |  | | 0 | |  | |  | |
| 10 |  | | 1 | | 0 | | 0 | | 0 |  | | | 1 | |  | | 30 | |  | | 30 | |  | |  | |
| 11 |  | | 0 | | 0 | | 1 | | 0 |  | | | 1 | |  | | 35 | |  | | 35 | |  | |  | |
| 12 |  | | 0 | | 0 | | 0 | | 1 |  | | | 1 | |  | | 50 | |  | | 50 | |  | |  | |
| 13 |  | | 0 | | 0 | | 0 | | 1 |  | | | 1 | |  | | 0 | |  | | 0 | |  | |  | |
| 14 |  | | 0 | | 0 | | 0 | | 0 |  | | | 0 | |  | | 0 | |  | | 0 | |  | |  | |
| 15 |  | | 0 | | 0 | | 0 | | 1 |  | | | 1 | |  | | 20 | |  | | 20 | |  | | FR | |
|  |  | |  | |  | |  | |  |  | | |  | |  | |  | | Qtotal | | 325 | |  | | 65 | |

Tabela – Valor de monitoramento ótimo fornecido por Al-Zamir

Tabela – Valor de solução típica para ilustração

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | NÒS MONITORADOS | | | |  |  |  |  |  |  |  |  |
|  |  | **10** | **8** | **6** | **15** |  | COBERTURA DO MONIORAMENTO | | | | |  |  |
| 1 |  | 1 | 1 | 0 | 0 |  | 1 |  | 30 |  | 30 |  |  |
| 2 |  | 0 | 0 | 0 | 1 |  | 1 |  | 25 |  | 25 |  |  |
| 3 |  | 0 | 0 | 1 | 0 |  | 1 |  | 30 |  | 30 |  |  |
| 4 |  | 1 | 1 | 0 | 0 |  | 1 |  | 30 |  | 30 |  |  |
| 5 |  | 0 | 0 | 0 | 1 |  | 1 |  | 30 |  | 30 |  |  |
| 6 |  | 0 | 0 | 1 | 0 |  | 1 |  | 30 |  | 30 |  |  |
| 7 |  | 0 | 0 | 0 | 0 |  | 0 |  | 30 |  | 0 |  |  |
| 8 |  | 0 | 1 | 0 | 0 |  | 1 |  | 45 |  | 45 |  |  |
| 9 |  | 0 | 0 | 0 | 0 |  | 0 |  | 30 |  | 0 |  |  |
| 10 |  | 1 | 0 | 0 | 0 |  | 1 |  | 30 |  | 30 |  |  |
| 11 |  | 0 | 0 | 0 | 0 |  | 0 |  | 35 |  | 0 |  |  |
| 12 |  | 0 | 0 | 0 | 1 |  | 1 |  | 50 |  | 50 |  |  |
| 13 |  | 0 | 0 | 0 | 1 |  | 1 |  | 0 |  | 0 |  |  |
| 14 |  | 0 | 0 | 0 | 0 |  | 0 |  | 0 |  | 0 |  |  |
| 15 |  | 0 | 0 | 0 | 1 |  | 1 |  | 20 |  | 20 |  | FR |
|  |  |  |  |  |  |  |  |  |  | Qtotal | 320 |  | 64 |

Tabela – Valor de monitoramento ótimo possível (dentre outros) – Não mencionado pelo autor

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | NÒS MONITORADOS | | | |  |  |  |  |  |  |  |  |
|  |  | **7** | **8** | **11** | **15** |  | COBERTURA DO MONIORAMENTO | | | | |  |  |
| 1 |  | 0 | 1 | 0 | 0 |  | 1 |  | 30 |  | 30 |  |  |
| 2 |  | 0 | 0 | 0 | 1 |  | 1 |  | 25 |  | 25 |  |  |
| 3 |  | 1 | 0 | 1 | 0 |  | 1 |  | 30 |  | 30 |  |  |
| 4 |  | 0 | 1 | 0 | 0 |  | 1 |  | 30 |  | 30 |  |  |
| 5 |  | 0 | 0 | 0 | 1 |  | 1 |  | 30 |  | 30 |  |  |
| 6 |  | 0 | 0 | 0 | 0 |  | 0 |  | 30 |  | 0 |  |  |
| 7 |  | 1 | 0 | 0 | 0 |  | 1 |  | 30 |  | 30 |  |  |
| 8 |  | 0 | 1 | 0 | 0 |  | 1 |  | 45 |  | 45 |  |  |
| 9 |  | 0 | 0 | 0 | 0 |  | 0 |  | 30 |  | 0 |  |  |
| 10 |  | 0 | 0 | 0 | 0 |  | 0 |  | 30 |  | 0 |  |  |
| 11 |  | 0 | 0 | 1 | 0 |  | 1 |  | 35 |  | 35 |  |  |
| 12 |  | 0 | 0 | 0 | 1 |  | 1 |  | 50 |  | 50 |  |  |
| 13 |  | 0 | 0 | 0 | 1 |  | 1 |  | 0 |  | 0 |  |  |
| 14 |  | 0 | 0 | 0 | 0 |  | 0 |  | 0 |  | 0 |  |  |
| 15 |  | 0 | 0 | 0 | 1 |  | 1 |  | 20 |  | 20 |  | FR |
|  |  |  |  |  |  |  |  |  |  | Qtotal | 325 |  | 65 |