# Formalização

**Dados:** M, V = {v1, v2, …, vn}

**Variáveis de decisão:** X = {y1, y2, …, yn}

**Função objetivo:** mín.

**Restrições:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Custo a atingir | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Init | 0 | ∞ | ∞ | ∞ | ∞ | ∞ | ∞ | ∞ | ∞ | ∞ |
| 1 cent. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 2 cent. | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 |
| 5 cent. | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 3 |