

jumping overlays

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here is expansion for the object function

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$$\max \sum_{b \in B} a_b$$

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$$\max \sum_{b \in B} a_b$$

here is the first explanation for equation no 1

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$$\begin{aligned} \max \quad & \sum_{b \in B} a_b \\ s.t. \quad & a_{mn} + b_{mn} + c_{mm} \leq d_o \quad m \in M, \\ & \forall n \in N, \quad (1) \\ & o \in O \end{aligned}$$

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$$\max \sum_{b \in B} a_b$$

here is the second explanation for equation no 1

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$$\begin{aligned} \max \quad & \sum_{b \in B} a_b \\ s.t. \quad & a_{mn} + b_{mn} + c_{mm} \leq d_o \quad m \in M, \\ & \forall n \in N, \quad (1) \\ & o \in O \end{aligned}$$

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$$\begin{aligned} \max \quad & \sum_{b \in B} a_b \\ s.t. \quad & a_{mn} + b_{mn} + c_{mm} \leq d_o \quad \forall n \in N, \quad (1) \\ & m \in M, \\ & o \in O \end{aligned}$$

here comes explanation for equation no 2

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$$\begin{aligned} \max \quad & \sum_{b \in B} a_b \\ s.t. \quad & a_{mn} + b_{mn} + c_{mm} \leq d_o & m \in M, \\ & \sum_{m \in M} a_{mn} + \sum_{m \in M} b_{mn} + \sum_{m \in M} c_{mn} \leq d_n + e_n & \forall n \in N, \quad (1) \\ & o \in O \end{aligned}$$
$$(2)$$

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$$\begin{aligned}
 & \max \quad \sum_{b \in B} a_b \\
 & s.t. \quad a_{mn} + b_{mn} + c_{mm} \leq d_o \quad \forall n \in N, \quad (1) \\
 & \quad \quad \quad o \in O \\
 & \quad \sum_{m \in M} a_{mn} + \sum_{m \in M} b_{mn} + \sum_{m \in M} c_{mn} \leq d_n + e_n \quad \forall n \in N \quad (2)
 \end{aligned}$$

here is the explanation for equation no 3

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$$\begin{aligned} \max \quad & \sum_{b \in B} a_b \\ \text{s.t.} \quad & a_{mn} + b_{mn} + c_{mm} \leq d_o \quad m \in M, \\ & \sum_{m \in M} a_{mn} + \sum_{m \in M} b_{mn} + \sum_{m \in M} c_{mn} \leq d_n + e_n \quad \forall n \in N, \quad (1) \\ & \sum_{m \in M} a_{mn} + \sum_{m \in M} b_{mn} + \sum_{m \in M} c_{mn} \leq d_n + e_n \quad \forall n \in N \quad (2) \\ & \sum_{m \in M} a_{mn} + \sum_{m \in M} b_{mn} + \sum_{m \in M} c_{mn} \leq d_n + e_n \quad \forall n \in N \quad (3) \end{aligned}$$