

Total
$$3=35\times U+K+\sum_{i=1}^{10}(C_i\cdot\lambda_i)+50\cdot\sum_{i=1}^{10}\lambda_i$$
 (W=1)

i. Generally i Total = $35U+KW+\sum_{i=1}^{10}(C_i\lambda_i)+50\cdot\sum_{i=1}^{10}\lambda_i$.

 $\lambda_i \ge 0, \ \lambda_i \ge 0, \ W=0$.

Constraints 1 $\lambda_i = di$ λ

is Oxlginal Rubben in abstract becomes:

min
$$Z = 350 + k \cdot W + \sum_{i=1}^{10} (C_i y_i) + 50 \cdot \sum_{i=1}^{10} x_i$$

5.t. $x_i + y_i = di$
 $U \leq \sum_{i=1}^{10} di$ (Case 3)

 $\sum_{i=1}^{10} y_i \leq U$ (Case 3)

 $i=1$
 $U \geq D \cdot W$. (Case 0.0)

 $x_i \geq 0$, $y_i \geq 0$, $w = \begin{cases} 1 & \text{wave house leased} \\ 0 & \text{otherwise} \end{cases}$