Projet 3 - RODD

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\begin{aligned}
&\min_{x,p,t} \sum_{i \leq M} \sum_{j \leq t(i)} p_{ij} \\
&s.t. \log(t_{ij}) \geq \sum_{k \in K_{ij}^1} x_k \log\left(\frac{1}{2}\right) \\
&p_{ij} \geq t_{ij} - \sum_{k \in K_{ij}^2} x_k \\
&\sum_{k \in \mathcal{M}} x_k = P \\
&\sum_{k \in \mathcal{F}} x_k = P \\
&x_k \in \mathbb{N} \\
&p_{ij} \geq 0
\end{aligned}
$$

$$
\begin{aligned}
&\min_{x,p} \sum_{i \leq M} \sum_{j \leq t(i)} p_{ij} \\
&s.t. \log(\theta_r) + \frac{1}{\theta_r}(t_{ij} - \theta_r) \sum_{k \in K_{ij}^1} x_k \log\left(\frac{1}{2}\right) \\
&p_{ij} \geq t_{ij} - \sum_{k \in K_{ij}^2} x_k \\
&\sum_{k \in \mathcal{M}} x_k = P \\
&\sum_{k \in \mathcal{F}} x_k = P \\
&x_k \in \mathbb{N} \\
&p_{ij} \geq 0
\end{aligned}
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