Math in Typst rendered through Mitex

This a Typst document with a simple inline LaTeX equation $\hat{F}$ and a complicated LaTeX block equation:

$$\tilde{\mathcal{L}}^{(k)} = \sum_{j=1}^{T} \sum_{i \in I_j} \left[g_i f_k(\mathbf{x}_i) + \frac{1}{2} h_i f_k^2(\mathbf{x}_i) \right] + \gamma T + \frac{1}{2} \lambda \sum_{j=1}^{T} w_j^2$$

$$= \sum_{j=1}^{T} \sum_{i \in I_j} \left[g_i w_j + \frac{1}{2} h_i w_j^2 \right] + \gamma T + \frac{1}{2} \lambda \sum_{j=1}^{T} w_j^2$$

$$= \sum_{j=1}^{T} \left[w_j \left(\sum_{i \in I_j} g_i \right) + \frac{1}{2} w_j^2 \left(\sum_{i \in I_j} h_i + \lambda \right) \right] + \gamma T$$

Using inline: $\left(\frac{a}{b} \right)$

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