mathpix 的识别结果

$$
\begin{aligned}
G_n(\vartheta) &= \sum_{i=1}^{n} \left(\phi_1 \left(X_{i\Delta}, \vartheta \right) - e^{-\lambda_1 \Delta} \phi_1 \left(X_{(i-1)\Delta}, \vartheta \right) \right) \\
&= n \left(1 - e^{-2\alpha\Delta} \right) + \sum_{i=1}^{n} \left(e^{-2\alpha\Delta} \frac{\alpha X_{(i-1)\Delta}^2}{\vartheta + 1} - \frac{\alpha X_{i\Delta}^2}{\vartheta + 1} \right).
\end{aligned}
$$

latex 在线编辑的识别结果

$$
\begin{aligned}
G_n(\vartheta) &= \sum_{i=1}^{n} \left(\phi_1 \left(X_{i\Delta}, \vartheta \right) - e^{-\lambda_1 \Delta} \phi_1 \left(X_{(i-1)\Delta}, \vartheta \right) \right) \\
&= n \left(1 - e^{-2\alpha\Delta} \right) + \sum_{i=1}^{n} \left(e^{-2\alpha\Delta} \frac{\alpha X_{(i-1)\Delta}^2}{\vartheta + 1} - \frac{\alpha X_{i\Delta}^2}{\vartheta + 1} \right)
\end{aligned}
$$

答案：没有区别