



$$\textcircled{2} \int_{T_n}^{T_{n+1}} \frac{T_{n+1}-t}{T_{n+1}-T_n} \left( \left| \frac{V_{n+1}-V_n}{T_{n+1}-T_n} \right| (t-T_n) + V_n \right)$$

$$\textcircled{2} \cdot -1$$

$$= \int_{T_{n-1}}^{T_n} \frac{t-T_{n-1}}{T_n-T_{n-1}} \left( \left| \frac{V_n-V_{n-1}}{T_n-T_{n-1}} \right| (t-T_{n-1}) + V_{n-1} \right)$$

$$\text{So } -\textcircled{1} = \textcircled{2}$$