If $T_n < T_{SR}$

If $\exists\, O_{n+1}$

Set $V_n = \frac{V_{n+1} - V_n}{T_{n+1} - T_n} \cdot (T_{SR} - T_n) + V_n$

Set $T_n = T_{SR}$

do (iii)

else

(v) ⑤ $\int_{T_{SR}}^{T_{SS}} V_n \, dt$

else if $T_n > T_{SS}$

If $\exists\, O_{n-1}$

Set $V_n = \frac{V_n - V_{n-1}}{T_n - T_{n-1}} \cdot (T_{SS} - T_n) + V_n$

Set $T_n = T_{SS}$

do (ii)

else

do (v)

else if $Rat_n > r_{max}$

If $\exists\, O_{n-1}$

If $\exists\, O_{n+1}$

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

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

else

(ii) ①+③ $\int_{T_n}^{T_{SS}} \left( \frac{-V_n}{T_{SS} - T_n} \right) \cdot (t - T_n) + V_n \, dt$

else If $\exists\, O_{n+1}$

(iii) ②+④ $\int_{T_{SR}}^{T_n} \left( \frac{V_n}{T_n - T_{SR}} \right) \cdot (t - T_n) + V_n \, dt$

else

Note: ① = ②

$T_{n+1} = T_{n-1}$

$V_{n+1} = V_{n-1}$

③ = ④

$T_{SR} = T_{SS}$