

```

??
  ??
  ???
  ???
  u_nreduce.png
  u_nreduce_passed.png
  ???
  r_reduce.png
  r_reduce_passed.png
  ???
  >45
  >40
  >35
  >30
  >25
  >35
  >50
  >45
  >40
  >35
  ??
  t_i(min)
  ??a_ijja_ij??
  ija_j^jia_j^i = 1a_i^j

```

$$(1) \quad DRRS = ERL^{0.1031} \times CLRS^{0.6053} \times TUL^{0.2915}$$

C_1
 C_2
 C_3
 C_4
 C_5
 $DRRS^k_k DRRS^k_i k i DRRS^k_k$
 $g^k_k TYRPNPNPN$

$$g^k = (T - PN \times YR) \times \frac{DRRS^k}{\sum_{i=1}^{PN} DRRS^i}$$

$$n_i = \left\lfloor \frac{t_i - t - L_i}{T_i'} \right\rfloor \quad (3)$$

$$(4) \quad P_i = t_i - t - L_i - n_i \times T_i'$$

$$Q_i = \frac{N_i^t}{S_i - A_i}$$

$$\Delta w_i = \Delta i \times (Q_i + (n_i + 1) \times T_{lost} + YT) \quad (6)$$

$$\begin{array}{l}
PNTPg^k_{I_i}ktt_i\delta_iI_iL_itYR_iv_i \\
\beta T_i^{min}T_i^{max}I_i\tau_i^{min}\tau_i^{max}I_i \\
g_i^{1'}\dots g_i^{PN'} \\
kiT_iT_i'v_in_i
\end{array}$$

$$(7) \quad \min_{(T_i', g_i^{k'})} \left((T_i' - T_i)^2 + \beta \sum_{k=1}^{PN} (g_i^{k'} - g_i^k)^2 \right) \\ = \sum_{k=1}^{PN} (g_i^k + SIT), T_i' = \sum_{k=1}^{PN} (g_i^{k'} + SIT) \\ \frac{EAT}{TP-1} = \sum_{k=1}^{PN} (g_i^{k'} + SIT) \\ \frac{LAT}{TP-1} =$$