

$$\begin{aligned}
T_{\text{CG}}^{\text{iter}} &= \frac{1}{\eta} \times \left((2s_i + 6)n_i + \frac{N}{P_c} + 2\lg P_n \right) t_c \\
&+ 2(520 + 2\lg P_n)t_s \\
&+ 2(520\tilde{n}_i + 2\lg P_n)t_w
\end{aligned}$$