1

$1,2$



$$M_{td} = N_{posi} \times N_c$$

$$M_{tt} = N_{posi} \times N_c$$

$$M_{cd} = N_x \times N_y \times N_c$$

$$M_{ct} = N_x \times N_y \times N_c$$

$$M_T = M_{td} + M_{tt} + M_{cd} + M_{ct}$$

N_c

$M_T <$

$M_T >$

n

$$n = (M_{td} + M_{tt} + M_{cd} + M_{ct})/\texttt{VOLATILE_MEMORY}$$

N_c/n

$M_{cd} < 0.5 \times \texttt{VOLATILE_MEMORY}$

$$n = (M_{td} + M_{tt} + M_{ct})/(\texttt{VOLATILE_MEMORY} - M_{cd})$$

$$n_c = \text{floor}(N_c/n)$$

$$n = \text{ceiling}(N_c/n_c)$$

n_c

$N_{posi} = 61263$

$N_c = 20737$

$N_x = 148$

$N_y = 142$

$n = 3$

$n_c = 9787$

M_{td}

M_{tt}

M_{cd}

M_{ct}