S4 Text. The Calculation of runtime.

The pseudocode of computing the runtime is as follows.

```plaintext
if (computing node==Master node) do
double Master_start_time, Master_end_time;
double t0;
Master_start_time = MPI_Wtime()
    Master Process
Master_end_time = MPI_Wtime()
    t0 = Master_end_time - Master_start_time;
enddo
else if (computing node==Slave nodes) do
double Slave_start_time, Slave_end_time;
double T[];
for i=1:M
    Slave_start_time = MPI_Wtime()
        Slave i Process
    Slave_end_time = MPI_Wtime()
        T[i] = Slave_end_time - Slave_start_time;
end for
T = t0 + \max_{i\in\{1,2,\ldots,M\}} \{T[i]\}
```