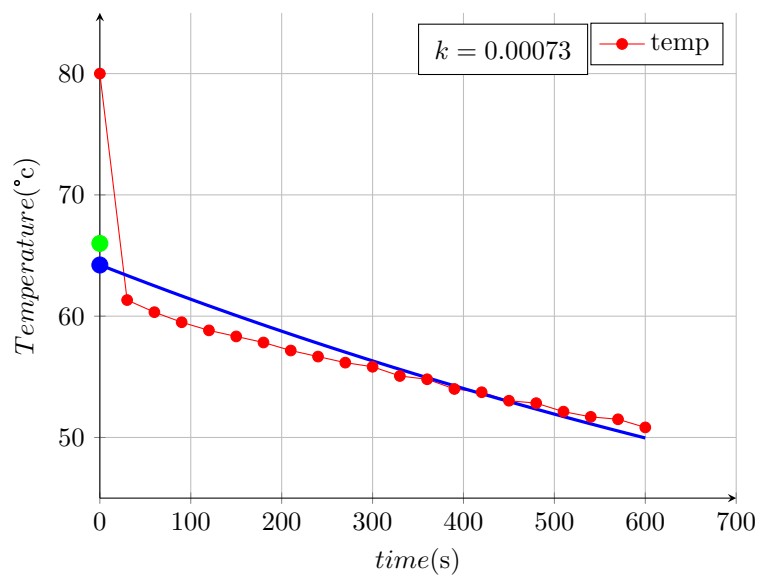


Adding cold water after 0min

$$T(t) = S + (T_0 - S)e^{-kt}$$

- Theoretical temperature $T_0 = 64.22$



$$T(t) = 24 + [(1 - 0.25)64.22 + 0.25 * 24 - 24]e^{-0.00073t}, \quad R^2 = 0.73$$