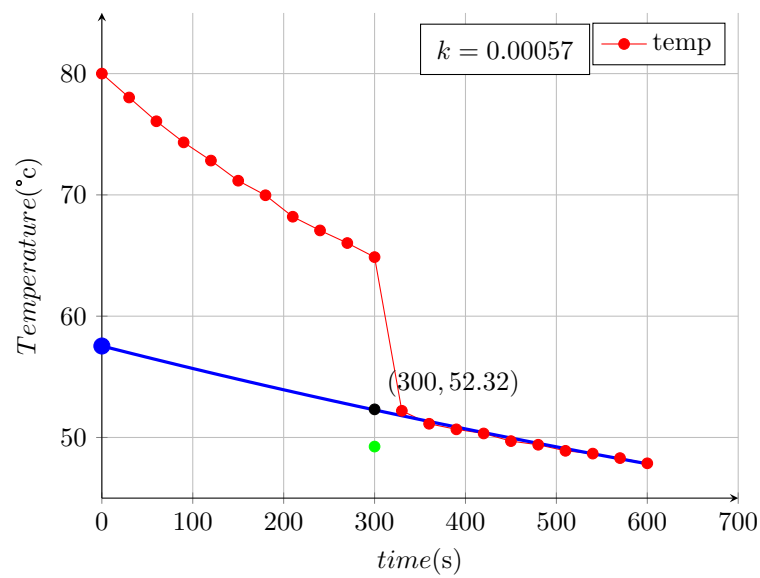


Adding cold water after 5min

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

- Theoretical temperature $T_0 = 57.54$



$$T(t) = 24 + [Z - 24]e^{-0.00057t}, \quad R^2 = 0.981$$