\[ \dot{Q}_{h}^{k=2}(T_j) = \dot{Q}_{h}^{k=2}(5) - \frac{\dot{Q}_{hcalc}^{k=2}(47) - \dot{Q}_{h}^{k=2}(17)}{47 - 17} \times (5 - T_j) \]

\[ \dot{E}_{h}^{k=2}(T_j) = \dot{E}_{h}^{k=2}(5) - \frac{\dot{E}_{hcalc}^{k=2}(47) - \dot{E}_{h}^{k=2}(17)}{47 - 17} \times (5 - T_j) \]