

$$k := -\frac{Q}{2 \pi h} \cdot \frac{\ln\left(\frac{r_2}{r_1}\right)}{dT}$$

$$- \frac{1}{2} \frac{Q \ln\left(\frac{r_2}{r_1}\right)}{\pi h dT} \tag{1}$$

$$dk := \left(\left(diff(k, r_2) \cdot dr \right)^2 + \left(diff(k, r_1) \cdot dr \right)^2 + \left(diff(k, Q) \cdot dQ \right)^2 + \left(diff(k, dT) \cdot ddT \right)^2 + \left(diff(k, h) \cdot dh \right)^2 \right)^{1/2}$$

$$\frac{1}{2} \tag{2}$$

$$\left(\frac{Q^2 dr^2}{r_2^2 \pi^2 h^2 dT^2} + \frac{Q^2 dr^2}{r_1^2 \pi^2 h^2 dT^2} + \frac{\ln\left(\frac{r_2}{r_1}\right)^2 dQ^2}{\pi^2 h^2 dT^2} + \frac{Q^2 \ln\left(\frac{r_2}{r_1}\right)^2 ddT^2}{\pi^2 h^2 dT^4} + \frac{Q^2 \ln\left(\frac{r_2}{r_1}\right)^2 dh^2}{\pi^2 h^4 dT^2} \right)^{1/2}$$