

$$\frac{t-t'}{2} = \frac{\left(\frac{h-h'}{2}\right) \cos\left(\frac{h+h'}{2}\right) \cos d}{\sin\left(\frac{t+t'}{2}\right) \cos \varphi \cos d \cos d'} + \frac{\left(\frac{d'-d}{2}\right) \sin \varphi}{\sin\left(\frac{t+t'}{2}\right) \cos \varphi \cos d \cos d'} - \frac{\left(\frac{d'-d}{2}\right) \sin h \sin\left(\frac{d'+d}{2}\right)}{\sin\left(\frac{t+t'}{2}\right) \cos \varphi \cos d \cos d'}$$

Nun ist

$$\text{Lg} \sin\left(\frac{t+t'}{2}\right) = 9,9066131$$

$$\text{Lg} \cos \varphi = 9,7938317$$

$$\text{Lg} \cos d = 9,9995054$$

$$\text{Lg} \cos d' = 9,9994642$$

$$\text{Summe} = \underline{39,6994144}$$

$$\text{C. arithm.} = 0,3005856$$

$$\text{Lg} \frac{h-h'}{2} = 3,4072379$$

$$\text{Lg} \cos\left(\frac{h+h'}{2}\right) = 9,9610108 - 10$$

$$\text{Lg} \cos d = \underline{9,9995054 - 10}$$

$$3,6683397$$

gehört zu 4659",5