

1.

$$\begin{aligned}\delta g_c &= \frac{\Delta g_1 + \Delta g_2 + \Delta g_3}{g_1 + g_2 + g_3} = \frac{\varepsilon g_1 \cdot g_1 + \varepsilon g_2 \cdot g_2 + \varepsilon g_3 \cdot g_3}{g_1 + g_2 + g_3} = \\ &= \frac{0.014 \cdot 987.74 + 0.012 \cdot 977.66 + 0.01 \cdot 986.41}{987.74 + 977.66 + 986.41} = 0.012000 = 1.2\%\end{aligned}$$