## 演習 ：誤差の評価：解答

$$
\begin{aligned}
\log \left(a+\varepsilon_{a}\right) & =\log \left\{a\left(1+\frac{\varepsilon_{a}}{a}\right)\right\} \\
& =\log a+\log \left(1+\frac{\varepsilon_{a}}{a}\right) \\
& \simeq \log a+\frac{\varepsilon_{a}}{a} \\
& \therefore \frac{\varepsilon_{a}}{a}
\end{aligned}
$$

