

$$\frac{n}{n_{\max}} = \frac{U_{43}}{U_{\text{ref}}} = \frac{R \cdot I}{(R + R_{\text{ref}}) \cdot I}$$

$$\frac{n}{n_{\max}} = \frac{R}{R + R_{\text{ref}}}$$

$$\frac{n_{\max}}{n} = \frac{R + R_{\text{ref}}}{R}$$

$$\frac{n_{\max}}{n} \cdot R = R + R_{\text{ref}}$$

$$\frac{n_{\max}}{n} \cdot R - R = R_{\text{ref}}$$

$$\left( \frac{n_{\max}}{n} - 1 \right) R = R_{\text{ref}}$$

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$$\frac{\frac{n_{\max}}{n} - 1}{R_{\text{ref}}} = \frac{1}{R}$$

$$\frac{R_{\text{ref}}}{\frac{n_{\max}}{n} - 1} = R$$