

Brayton efficiency

$$\eta_B = 1 - \frac{T_0}{T_1}, \quad (1)$$

Humphrey efficiency

$$\eta_H = 1 - \gamma \frac{T_0}{T_1} \left[\frac{\left(\frac{T_2}{T_1}\right)^{\frac{1}{\gamma}} - 1}{\frac{T_2}{T_1} - 1} \right], \quad (2)$$

Efficiency comparison

$$\gamma \left[\frac{\left(\frac{T_2}{T_1}\right)^{\frac{1}{\gamma}} - 1}{\frac{T_2}{T_1} - 1} \right] < 1, \quad (3)$$

Normalized sensitivity coefficients

$$\frac{k_i/\lambda}{\partial\lambda/\partial k_i} \quad (4)$$

$$\frac{k_i/D_{CJ}}{\partial D_{CJ}/\partial k_i} \quad (5)$$