$$f(t) = \begin{cases} e^t, & 0 \le t < 1 \\ 0, & t > 1 \end{cases}$$

$$7 + (t) = \begin{cases} t, & 0 < t < 4 \\ 5, & t > 4. \end{cases}$$

8
$$b[sin8t(054t+c05^34t+5]$$
.

$$\begin{bmatrix} An5.! & \frac{6}{5^2 - 36} + \frac{3}{5 + 5} + \frac{5}{5^2 + 25} \end{bmatrix}
 \begin{bmatrix} An5! & \frac{1}{2} \left(\frac{1}{5} + \frac{5}{5^2 + 36} \right) \end{bmatrix}
 \begin{bmatrix} \frac{5}{7} \left(\frac{1}{5^2 + 81} + \frac{3}{5^2 + 4} \right) \end{bmatrix}
 \begin{bmatrix} \frac{3}{5^2 + 36} - \frac{1}{5^2 + 4} \end{bmatrix}$$

$$\left[\frac{e^{1-5}-1}{1-5} \right] \\
\left\{ \frac{1}{5^{\alpha}} + e^{45} \left(\frac{1}{5} - \frac{1}{5^{\alpha}} \right) \right\}.$$