15.56 a

måndag 26 december 2022

$$\frac{y_{1}}{y_{1}} = P(1) = (^{2} - 6r + 10 = 0) \qquad f = 3 \pm \sqrt{9 - 10} = 3 \pm i$$

$$y_{1} = e^{3x} \left(A \cos x + B \sin x \right)$$

$$\frac{y_{p}}{y_{p}} = \frac{y_{p}}{y_{p}} = \frac{y_{p}}{y$$

$$c^{(3+i)\times}\left(z^{"}+(6+2i)z^{2}+(8+6i)z\right)-(6e^{(3+i)\times}(z^{2}+(3+i)z)+10ze^{(4i)\times}=e^{(5i)\times}\Leftrightarrow$$

$$=c^{"}+(6+2i)z^{2}+(8+6i)z-6z^{2}+(-18-6i)z+10z=1\Leftrightarrow$$

$$=c^{"}+(6+2i)z^{2}+(8+6i)z-6z^{2}+(6+2i)z+10z=1\Leftrightarrow$$

$$=c^{"}+(6+2i)z^{2}+(8+6i)z-6z^{2}+(6+2i)z+10z=1\Leftrightarrow$$

$$=c^{"}+(6+2i)z^{2}+(8+6i)z-6z^{2}+(6+2i)z+10z=1\Leftrightarrow$$

$$=c^{"}+(6+2i)z^{2}+(6+2i)z+10z=1\Leftrightarrow$$

$$=c^{"}+(6+2i)z^{2}+(8+6i)z+10z=1\Leftrightarrow$$

$$=c^{"}+(6+2i)z+10z=1\Leftrightarrow$$

$$=c^{"}+(6+2i)z+10z=1>0$$

$$\frac{2}{2} = A \times \frac{1}{2} \times A = -\frac{1}{2} \times A = -\frac{1}{$$