måndag 26 december 2022 17:0

$$\frac{y_n}{y_n} : P(r) = r^2 + 4 = 0 \qquad r = 0 \pm \sqrt{-4} \qquad r = \pm 2i$$

$$y_n = \left(A\cos 2x + B\sin 2x\right)$$

$$\frac{J_{P}}{J_{P}} = h_{j} = l_{j} = e^{2x} + 4g = e^{2x} = (\cos 2x + i \sin 2x)$$

$$y = 2 e^{2x}, \quad y' = 2^{2} e^{2x} + 2i = e^{2x} (2^{2} + 2i = 2)$$

$$y'' = 2 e^{2x} (2^{2} + 2i = 2) + e^{2x} (2^{2} + 2i = 2) = e^{2x} (2^{2} + 4i = 2) + 4 = e^{2x} (2^{2$$

$$e^{12x}(2^{2}+4i2^{2}-47)+4720^{2}=0$$

$$=$$
 $Z = AX$

$$y_p = -\frac{1}{4}e^{\frac{1}{2}x} = -\frac{1}{4}(\cos 2x + i \sin 2x) = -\frac{1}{4}i\cos 2x + \frac{1}{4}\sin 2x$$