



Scanned by CamScanner

$$y' + 2y = e^{-4t} < = > p' + 2y = \frac{1}{p + 4}$$

$$y' + 2y = e^{-4t} < = > p' + 2y = \frac{1}{p + 4}$$

$$y' = \frac{1}{(p + 4)(p + 2)} = \frac{1}{p + 4} + \frac{1}{p + 2}$$

$$A = \frac{1}{p + 4} - \frac{1}{p + 4} = \frac{1}{p + 4} + \frac{1}{p + 4} = \frac{1}{p + 4}$$

$$A = \frac{1}{p + 4} - \frac{1}{p + 4} = \frac{1}{p + 4} = \frac{1}{p + 4} = \frac{1}{p + 4}$$

$$A = \frac{1}{p + 4} - \frac{1}{p + 4} = \frac{1}$$