sábado, 12 de diciembre de 2020 09:22

$$\mathcal{J}^{-1}\left\{\frac{e^{-2s}}{\delta^2 - 5s + 4}\right\} = \mathcal{U}_2(t) \mathcal{J}^{-1}\left\{\frac{1}{\delta^2 - 5s + 4}\right\} \left|t + t - 2\right|$$

$$\frac{1}{6^2 - 5s + 4} = \frac{1}{(s - 1)(s - 4)} = \frac{A}{s - 1} + \frac{1}{3}$$

$$1 = A(S-4) + B(S-1)$$

$$1 = S(A+B) - 4A - B$$

$$\begin{cases}
A+B=0 & A=-\frac{1}{3} \\
-4A-8=1 & B=-\frac{1}{3}
\end{cases}$$