

 You've completed all of the work in this assignment.

12 of 22 < >

4 / 4  

[View Policies](#)

[Show Attempt History](#)

✓ Your answer is correct.

Find the inverse transform.

$$\frac{a_0}{s+2} + \frac{a_1}{(s+2)^2} + \frac{a_2}{(s+2)^3}$$

$$f(t) = a_0 e^{-2t} + a_1 t e^{-2t} + \frac{a_2 t^2 e^{-2t}}{2}$$



[eTextbook and Media](#)

**Attempts: 1 of 3 used**

Using multiple attempts will impact your score.  
10% score reduction after attempt 2



## Assignment #3



You've completed all of the work in this assignment.

12 of 22

4 / 4