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

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✔ Your answer is correct.

Solve the given nonhomogeneous ODE by variation of para
undetermined coefficients. Give a general solution.

$$(D^2 - 6D + 9I)y = x^{-7}e^{3x}$$

NOTE: Write arbitrary constants as c_1 and c_2.

$$y(x) = (c_1 + c_2 x)\,e^{3x} + \frac{e^{3x}\,x^{-5}}{30}$$

⌨

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Attempts: 1 of 3 used

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