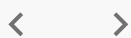


👍 You've completed all of the work in this assignment.

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Your answer is correct.

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

$$x^2 y'' - 2xy' + 2y = x^3 \sin x$$

NOTE: Write arbitrary constants as c_1 and c_2 .

$$y(x) = c_1 x + c_2 x^2 - x \sin(x)$$



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Attempts: 1 of 3 used

Using multiple attempts will impact your score.

10% score reduction after attempt 2

