

Is is Linear?

Quiz: Is it Linear?

We will develop a theory of linear equations, complete with an algorithm for solving them. It's important to recognize them when you see them.

Which of the following are linear ODE's?

1. $\dot{x} + x^2 = t$
2. $\dot{x} = (t^2 + 1)(x - 1)$
3. $\dot{x} + x = t^2$

Think about your answer and then look at the choices.

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