coursera

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Another Nondimensionalization of the Mass on a Spring Equation

Determine how to nondimensionalize the mass on a spring equation so that the dimensionless equation takes the form

$$\alpha \frac{d^2 X}{d\tau^2} + \frac{dX}{d\tau} + X = \cos \beta\tau.$$

What are the definitions of $\tau, X, \alpha,$ and β?

✓ **Completed**

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