

The Meaning of k

Quiz: The meaning of k .

In the root beer cooling example the DE was:

$$\dot{x}(t) = k(T_{\text{ext}}(t) - x(t)).$$

What does it mean for k to be large?

Choices:

1. good insulation
2. bad insulation
3. nothing to do with insulation

Pick what you think is the correct choice and then look at the answer.

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