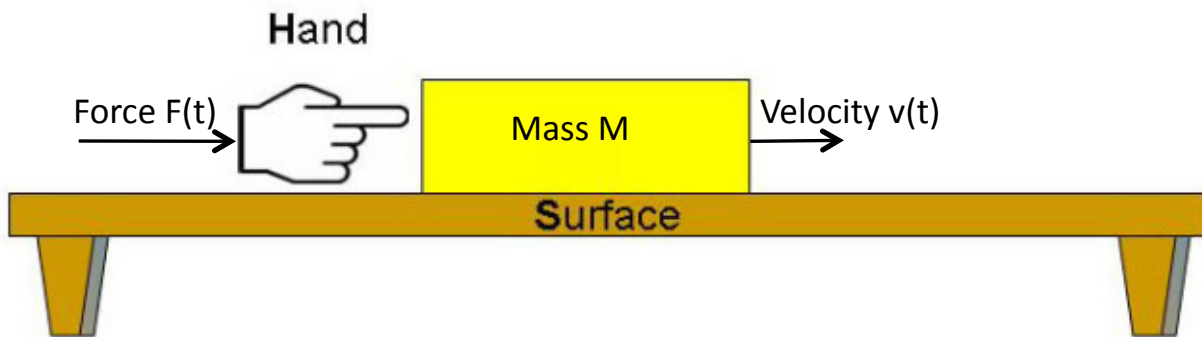# 2013 EE PhD Quals

Prof. Daniel Spielman

Consider a stone block on a table:

1. Can you model this as a linear time-invariant system with force, F(t), as the input and velocity, v(t), the output?

2. Is there an equivalent electrical circuit?

3. What is the impulse response?