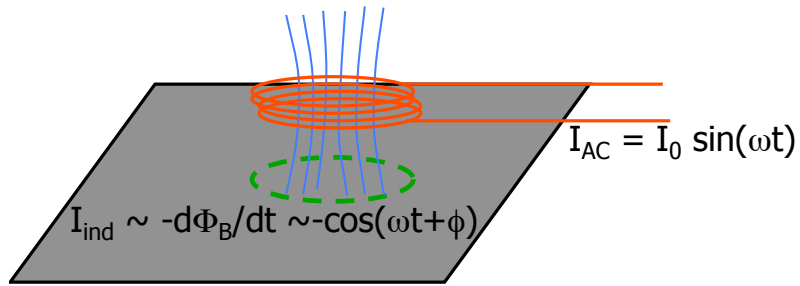


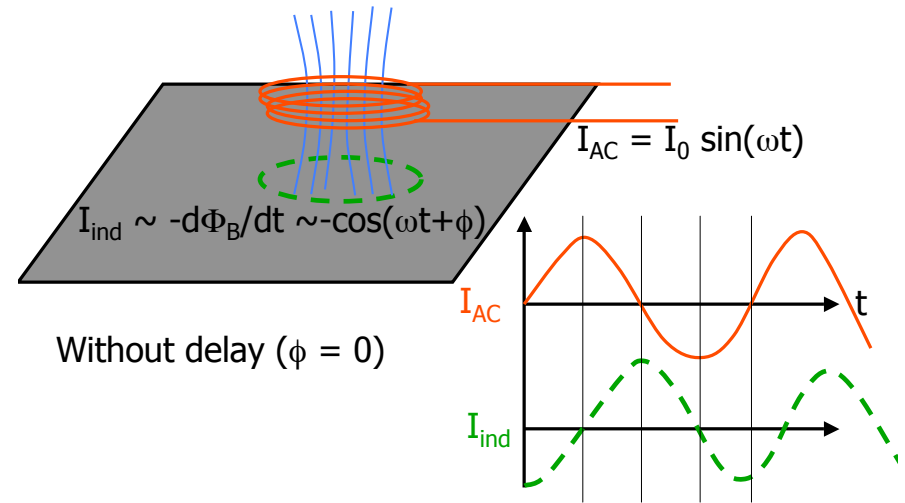
Demo: Levitating coil



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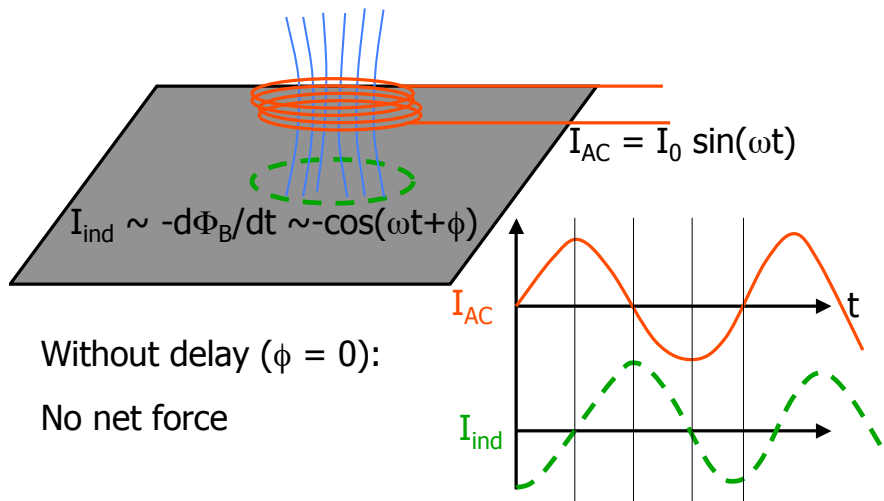
Demo: Levitating coil



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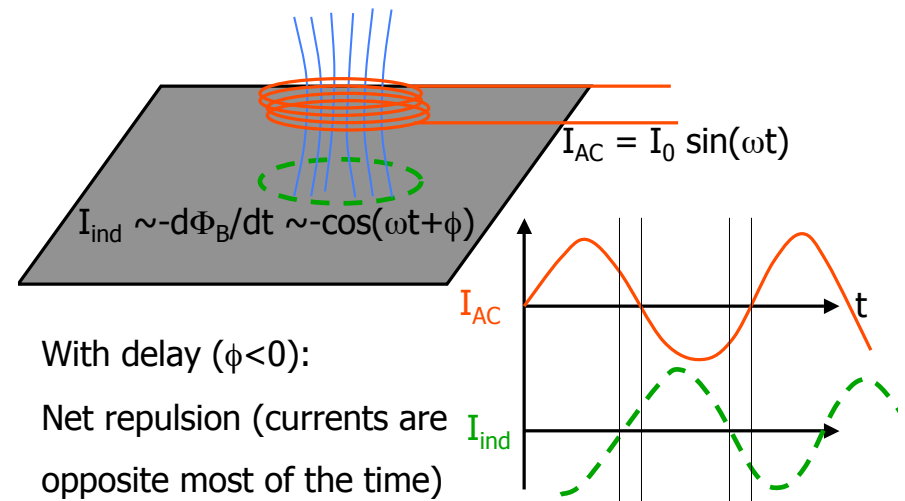
Demo: Levitating coil



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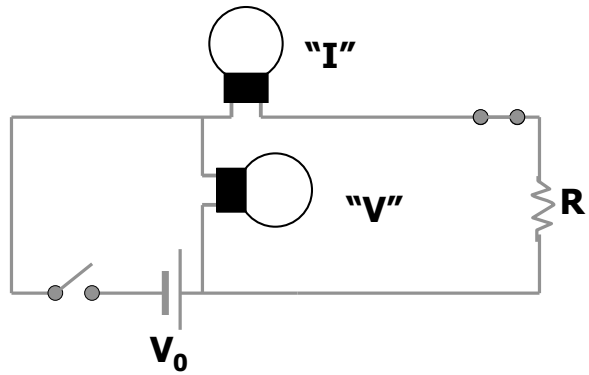
Demo: Levitating coil



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Demo: RL circuit

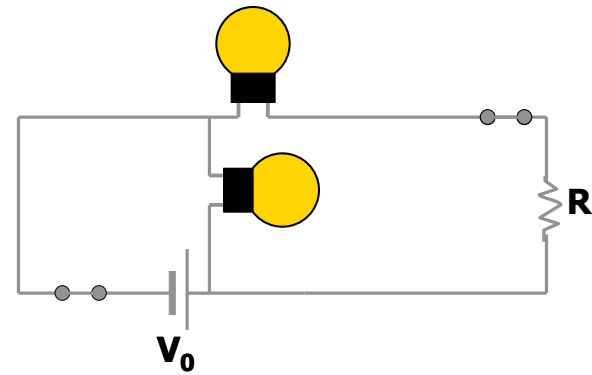


First: No L

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Demo: RL circuit

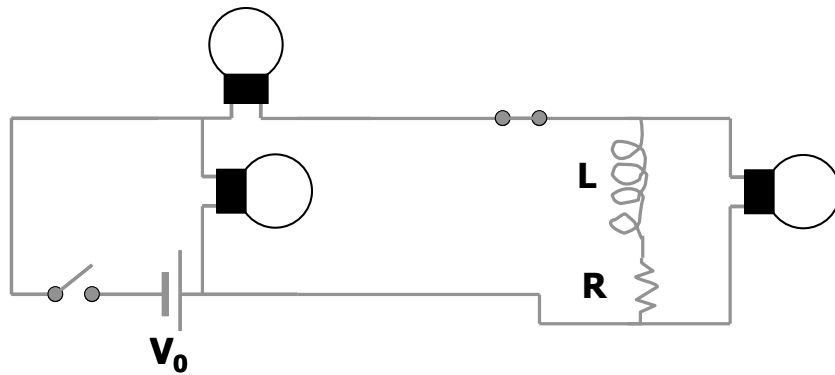


First: No L - no delay between I and V

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Demo: RL circuit

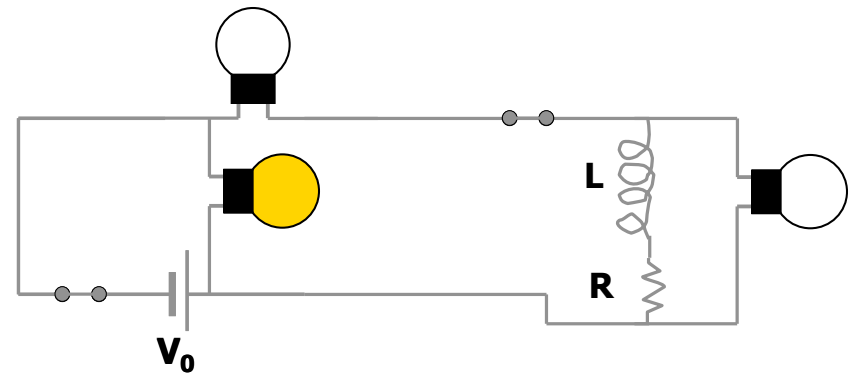


Then: Large L (30H)

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Demo: RL circuit

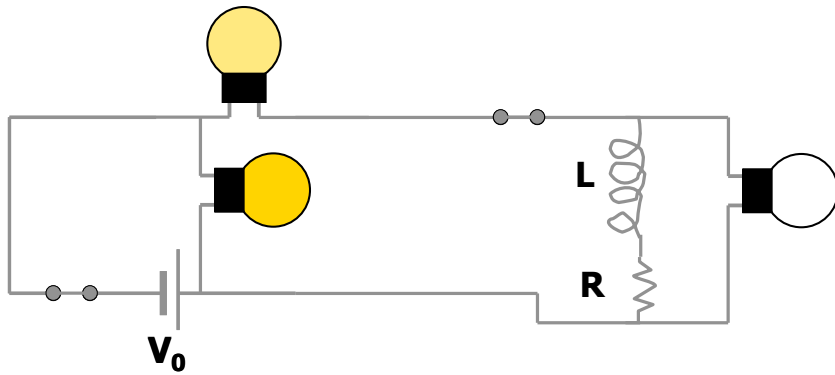


Then: Large L (30H)

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web.mit.edu/8.02x/www

Demo: RL circuit

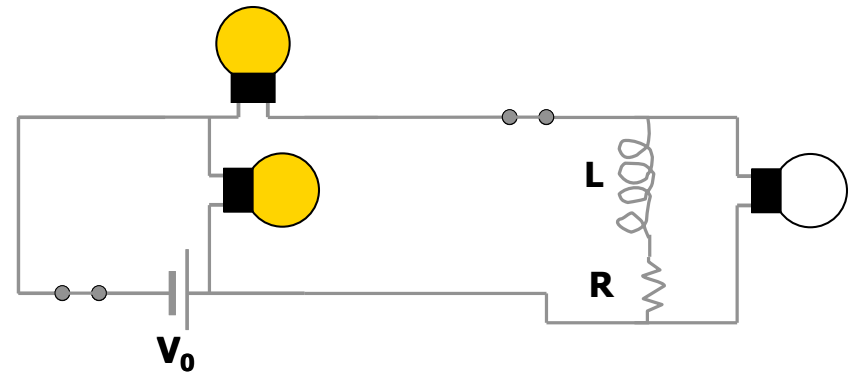


Then: Large L (30H)

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Demo: RL circuit

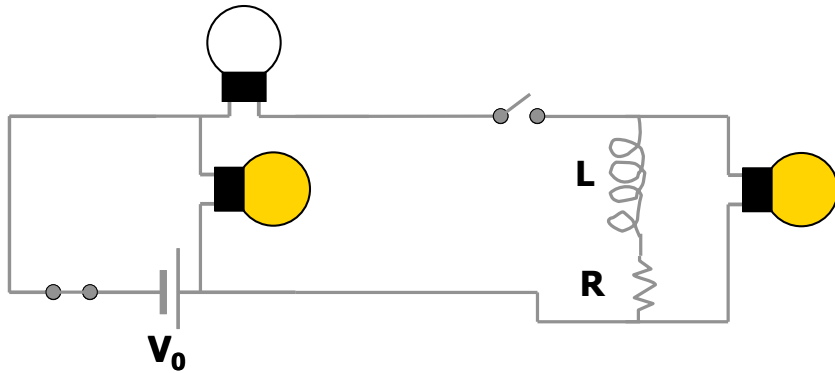


Then: Large L (30H) - Delay in I

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Demo: RL circuit

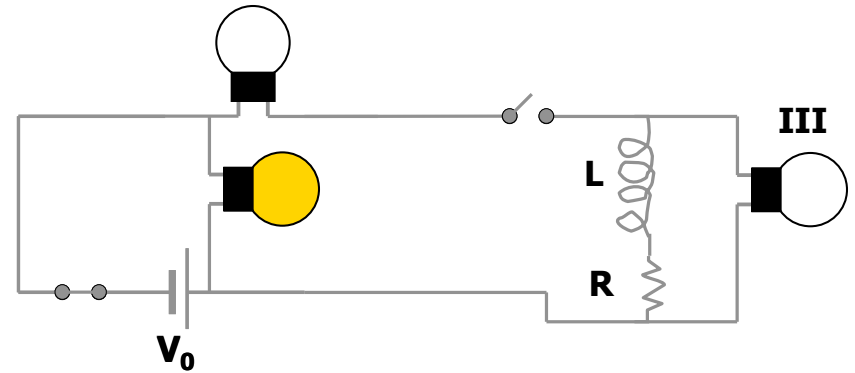


Then: Open second switch -> "Back EMF" keeps current going (large induced EMF)

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Demo: RL circuit



Energy stored in B-field is transformed into heat and light in R and bulb III

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