Capacitor

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Charge





Final No more electrons to leave



crowded electrons prevent other electrons from arriving

Energy stored in Electric Field

Discharge





Initial





No more electrons moving

Charge



Discharge



Pulse



7

Pulse



8

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Phase Lags and Leads

Capacitor

9

References

[1] http://en.wikipedia.org/

[2] J.H. McClellan, et al., Signal Processing First, Pearson Prentice Hall, 2003