

Chap 2

Kirchhoff's Current Law

<https://www.youtube.com/watch?v=OnT7PM9vMnw>

Kirchhoff's Voltage Law

<https://www.youtube.com/watch?v=q0ZYUogsnnM>

What is a resistor?

<https://www.youtube.com/watch?v=Gc1wVdbVIOE>

Strain gauge demonstration

<https://www.youtube.com/watch?v=3NAu9zJNWLg>

Wheatsone Bridge standalone

<https://www.youtube.com/watch?v=BeGWRZB5bBQ>

Chap 4

Inductor basics - What is an inductor?

<https://www.youtube.com/watch?v=NgwXkUt3XxQ>

Capacitor vs Inductor- Capacitor and Inductor- Difference Between Capacitor and Inductor

<https://www.youtube.com/watch?v=Zim37AgOIUU>

Chap 5

Switching Transients in a 3 phase Induction motor during DOL starting

<https://www.youtube.com/watch?v=v0G4DVc69NY>

AC versus DC load breaking comparison with a knife switch

<https://www.youtube.com/watch?v=Zez2r1RPpWY>

How To Make Camera Flash Light

<https://www.youtube.com/watch?v=D3yF53HfFdQ>

MIT Physics Demo -- Driven Mechanical Oscillator

<https://www.youtube.com/watch?v=aZNnwQ8HJHU>

Harmonic Oscillator--Driven Oscillations

<https://www.youtube.com/watch?v=cBkdZ71SpPs>

Tacoma Narrows Bridge Collapse (Sound Version) (Standard 4:3) (1940)

<https://www.youtube.com/watch?v=nFzu6CNtqec>

Chap 6

Fourier Series Animation (Square Wave)

<https://www.youtube.com/watch?v=k8FXF1KjzY0>

Fourier Transform, Fourier Series, and frequency spectrum

<https://www.youtube.com/watch?v=r18Gi8lSkfM>

Supplemental video

肯尼斯·庫基耶: 「大」數據是「好」數據 | TED Talk | TED.com

https://www.youtube.com/watch?v=DbUuqIPY_Hs

人工智慧將如何引領第二次工業革命？

<https://www.youtube.com/watch?v=X3pFoa4h3cc>

2019 未來科技-微軟 Office 的未來願景

<https://www.youtube.com/watch?v=G7pe1AjTWns>

第四次工業革命 | 完整版

<https://www.youtube.com/watch?v=buAPdHRSXSI&index=44&list=RDG7pe1AjTWns>

Elon Musk Incredible Speech - Motivational video By MulliganBrothers

<https://www.youtube.com/watch?v=QygpajJclm4>