POTPOURRI

Web architecture is a conceptual structure. The World Wide Web (WWW, W3, the Web) is an interconnected system of public web pages accessible through the Internet. The Internet is a global network of networks. The following four-part series looks inside a modern web browser.

(Press and hold ctrl and then click any hyperlink to open that link in a new tab)

Inside look at modern web browser (part 1)

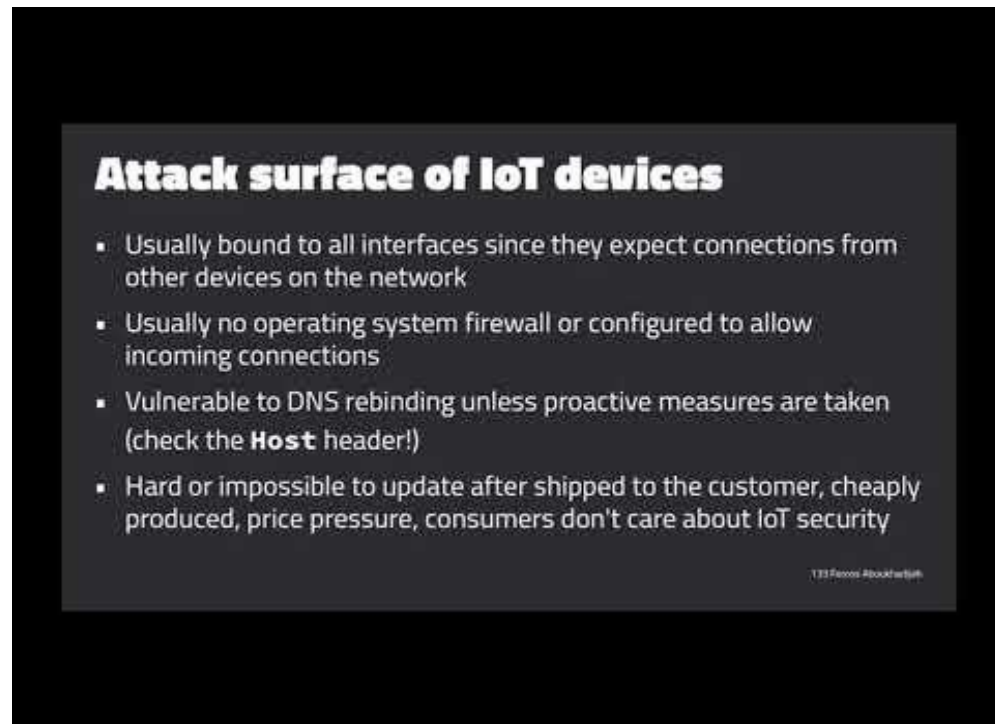Inside look at modern web browser (part 2)

Inside look at modern web browser (part 3)

Inside look at modern web browser (part 4)

Web Security

Browser architecture, writing secure code.

(Stanford, Feross Aboukhadijeh)

Statistics

(UC Berkeley, Fletcher Hank Ibser)

Multivariable Calculus

(UC Berkeley, Edward Frenkel)

Physics

Vibrations and Waves.

(MIT, Walter Lewin)
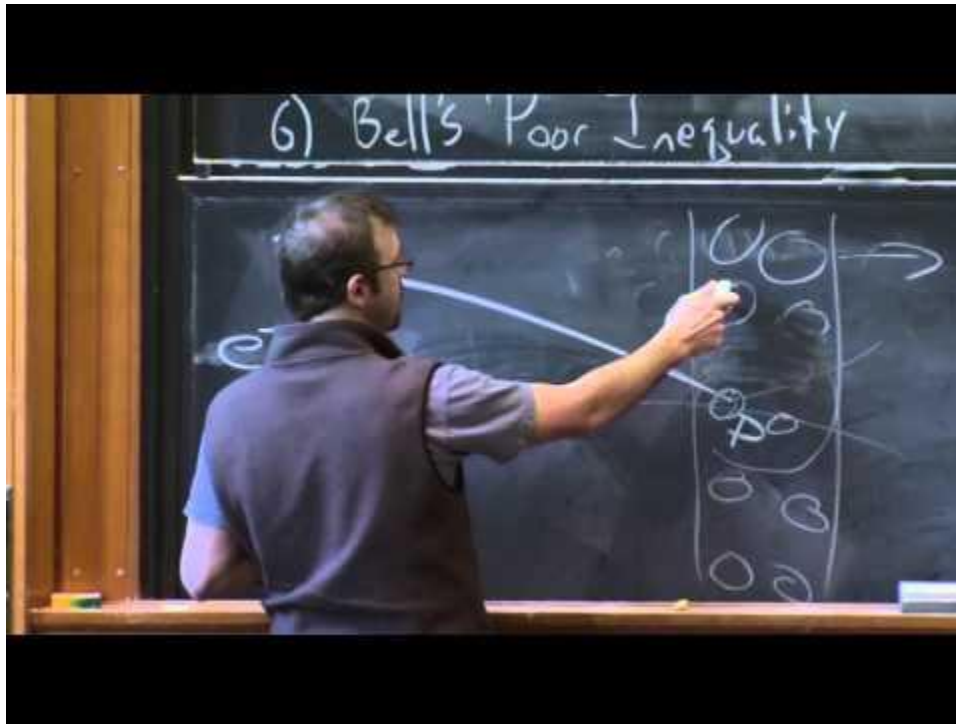
Electronic Feedback Systems

Model Train Speed Control.

(MIT, James K. Roberge)

Quantum Physics

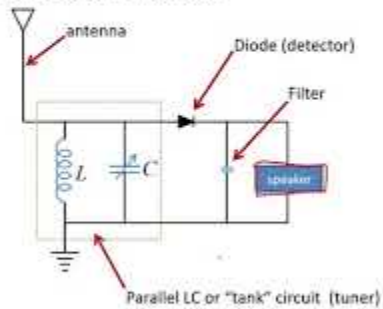# Experimental Facts of Life.

(MIT, Allan Adams)

Physics

Basic AM Radio Receiver.

The Simple Radio

A simple AM radio receiver combines an antenna, an adjustable tank circuit, diode, and a speaker to allow the receipt of specific radio carrier frequency.

antenna

Diode (detector)

Filter

speaker

L C

Parallel LC or "tank" circuit (tuner)

(Cal Maritime, Matthew Fairbanks)