

# Introduction to Nonlinear Circuits and Networks : Welcome!

Dr. Bharathwaj Muthuswamy,

Dr. Santo Banerjee

Many thanks to Springer

# Background and Format

- Practice of recording lectures started circa 2003 at the University of California, Berkeley
- Initial purpose: online repository
- Purpose has grown over the years...
- Format:
  - Try to restrict each video to 20 minutes in length (exceptions: in-class lectures that have Q/As)

# About the book and videos...

- Book
  - Purpose: capture the “nonlinear circuits” knowledge of Dr. Leon O. Chua
  - Big ideas:
    - Terminal behavior vs. laws of interconnection
    - Static vs. Dynamic circuits
- In the online videos, Dr. Muthuswamy will primarily solve book exercises

That is it for the intro lecture...