

EECS 210 Section 2 – Lecture Summaries
Lecture 25, Monday, March 12, 2001

- Lessons Learned:
 - All tools for analyzing circuits having resistors apply to circuits having impedances including
 - ✓ Voltage divider
 - ✓ Current divider
 - ✓ Nodal analysis
 - ✓ Mesh analysis
 - ✓ Thevenin & Norton substitution
 - ✓ Superposition
 - ✓ Op Amps
 - Care must be exercised
 - ✓ Don't mix cosine and sine sources in a phasor representation
 - ✓ Don't mix frequencies in a phasor representation
 - ✓ Convert $-a+jb = (a^2+b^2)^{1/2} \quad 180-\tan^{-1}(b/a)$

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Material to be covered by Exam 2

- Thevenin and Norton equivalent circuits
- Op Amp circuits having resistors
- Relationships between current and voltage for inductors and capacitors
- Power stored in inductors and capacitors
- All in the Time Domain

Review Sessions for Exam 2 – BYOP (Bring your own problems)

Wednesday, March 14, 6:30-8:00, 1303 EECS

Thursday, March 15, 2:00-4:00, 3433 EECS