EECS 42 Intro. electronics for CS Spring 2003 Lecture 11: 03/04/03 A.R. Neureuther

Version Date 03/03/03 EECS 42 Introduction to Electronics for Computer Science Andrew R. Neureuther

Lecture # 11 Logic Implementation

- Logic Levels and Gate Circuits
- Combination of Logic Functions
- Synthesis from a Truth Table
- NAND Gate Synthesis
- XOR and Introduction to Timing

http://inst.EECS.Berkeley.EDU/~ee42/

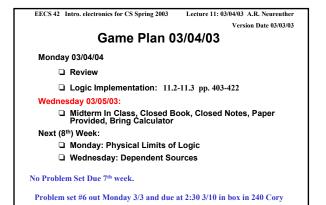
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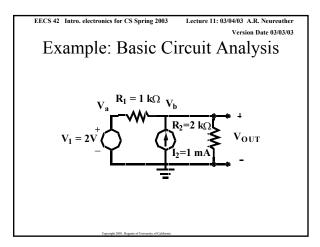
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## First Midterm Exam: Topics

- Basic Circuit Analysis (KVL, KCL)
- Equivalent Circuits and Graphical Solutions for Nonlinear Loads
- · Transients in Single Capacitor Circuits
- Node Analysis Technique and Checking Solutions

Exam is in class 3:10-4:03 PM, Closed book, Closed notes, Bring a calculator, Paper provided





Version Date 03/03/03 REMINDER Midterm March 5th, 3:10-4:03 PM Closed Book, Closed Notes, Bring Calculator, Paper Provided

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**Old Exams Are Posted on Web** 

EECS 42 Intro. electronics for CS Spring 2003

Review Session 5-7 Mon 3/4/04 in 241 Cory

EE 43 Labs Are Not Cancelled but will be light:

