

CASE WESTERN RESERVE UNIVERSITY
Case School of Engineering
Department of Electrical Engineering and Computer Science

ENGR 210. Introduction to Circuits and Instruments (4)

Homework Set No. 8

References: [T&R4] sections 4-4, 4-5, 4-7

Issued 3/3/04

Due 3/17/04

MULTIPLE OP-AMP CIRCUITS

- 1) (5 pts) Problem 4-32, p. 201. Summing amplifier.
- 2) (5 pts) Problem 4-34, p. 201. Cascaded amplifiers.

OP-AMP COMPARATOR

- 3) (5 pts) Problem 4-46, p. 203. Use power supply for reference.
- 4) (5 pts) Problem 4-47, p. 203. Use battery reference.

NOTE: Please put your section code AND your CWRU e-mail next to your name at the top of the page. Section codes are

MA (Monday Afternoon)
ME (Monday Evening)
TA (Tuesday Afternoon)
TE (Tuesday Evening)
WA (Wednesday Afternoon)
WE (Wednesday Evening)

Beginning with Homework 8 there will be NO acceptance of any homework assignment AFTER 11am of the morning they are due. Homework not turned in during class MUST be placed in Locker #146 in the Glennan 308 Lab before 11am. Homework assignments placed in Prof. Merat's door and any assignment turned in after 11am will not be accepted.