

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. 6

References: [T&R4] sections 3-5, 3-6, 4-1, 4-2

Issued 2/18/04

Due 2/25/04

MAXIMUM SIGNAL TRANSFER

- 1) (5 pts) Problem 3-52, p. 136. This is very similar to what you will be doing in the lab.
- 2) (5 pts) Problem 3-53, p. 136. Another Wheatstone Bridge problem.

INTERFACE DESIGN

- 3) (5 pts) Problem 3-64, p. 137.

COMPARISON OF ANALYSIS METHODS

- 4) (5 pts) Problem 3-71, p. 138. Part (b) may be VERY long.

LINEAR DEPENDENT SOURCES

- 5) (5 pts) Problem 4-4, p. 197.
- 6) (5 pts) Problem 4-10, p. 198.

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

Section codes are

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