

UNIVERSITY OF TEXAS AT DALLAS
Telecommunications Engineering

TE3302 Signals & Systems
Problem Set #8: Fourier Series

Date assigned: October 25, 2000
Date due: November 1, 2000

Homework is due at the beginning of class. Late homework will not be accepted.

Reading: *Signals & Systems*, Sections 3.1 and 3.2

You may use any computer program to help you solve these problems, check answers, etc.

Problem 8.1 Fourier Series

Problem 3.1 in *Signals & Systems*.

Problem 8.2 Fourier Series

Problem 3.3 in *Signals & Systems*.

Problem 8.3 Fourier Series

Problem 3.21 in *Signals & Systems*.