

ME 578 Theory and Applications of Wavelets

Take-Home Examination #3; Due Date: March 04, 2009

Problem#1. Write Matlab codes to solve the example problem on CWT in Kaiser Chapter 3. Generate results and compare them with Figs. 3.1 to 3.3 of Kaiser. You are encouraged to consult with other students but you must write your own code and do the experiments yourself.

Problem#2. Solve Exercises 3.1 to 3.9 in p. 77 of Kaiser.

Problem#3. Solve Exercises 4.1 and 4.2 in pp. 96-98 of Kaiser.