

CIVL7119/8119
Homework Set 14

Use an idealized SDOF model subjected to IMPVAL1.acc. Use the computer program NONLIN to obtain the displacement, shear force and number of yield events and the corresponding values similar to the class notes. Determine the ductility demand. Use 5% damping and weight of 2000 kips.

Print a copy of all your results and include in your homework.

