

Note: additional problems may be added as the semester proceeds

section 1.1: # 1, 3, 5, 7, 10, 13, 16, 18, 20, 22, 28, 32, 34, 39

section 1.2: # 3, 6, 10, 14, 19, 20, 24, 25, 26, 30

section 1.3: # 2, 4, 7, 8, 9, 26

section 1.4: # 1, 4, 5, 8, 10, 13, 17, 19, 20, 34, 35, 37, 40, 43

section 1.5: # 1, 3, 4, 6, 10, 11, 16, 17, 22, 24, 26, 29, 33, 36

section 1.6: # 1, 3, 5, 10, 11, 21, 22, 27, 31, 32, 33, 35, 38, 39, 40, 43, 44, 45, 50, 59, 64

section 2.1: # 1, 4, 6, 15, 17, 18, 22

section 2.2: # 3, 4, 5, 6, 9, 13, 14, 17

section 2.3: # 1, 2, 3, 4

section 2.4: # 1, 4, 6

section 3.1: # 1, 3, 4, 5, 7, 10, 11, 12, 13, 14, 24, 25, 26, 27, 28, 33, 35, 37, 38, 41, 43, 45, 46, 47, 48

section 3.2: # 1, 3, 4, 5, 7, 8, 10, 11, 13, 15, 16, 17, 18, 21, 22, 23, 26, 27, 30, 36, 37, 38, 39

section 3.3: # 1, 3, 5, 7, 11, 13, 19, 20, 21, 22, 23, 24, 27, 29, 30, 33, 35, 36, 39, 40, 41

section 3.4: # 1, 13, 14a

section 3.5: # 1, 2, 3, 4, 6, 11, 12, 14, 16, 17, 21, 22, 24, 28, 31, 32, 34, 35, 38, 39, 47, 48, 49, 51

section 4.1: # 1, 2, 5, 7, 11, 12, 13, 15, 16, 21

section 4.2: # 1, 2, 3, 4, 5

section 7.1: # 1, 2, 3, 4, 7, 11, 12, 13, 23, 24, 26, 27, 28

section 7.2: # 1, 2, 3, 5, 7, 8, 17, 19, 28

section 7.3: # 1, 3, 13, 15, 17, 27, 29, 30

Handout on Impulse Forcing Functions: # 1, 2, 7, 8, 9, 10, 11, 16

(note: you need not find the explicit solution in # 16.)