

Problem Assignments for Unit 3

Unless otherwise indicated, problems are from Wolfson. “**Supp**” refers to chapters in the supplementary reading and “**A22**” refers to the additional problems that are at the beginning of the supplementary reading.

Assigned Problems for Wednesday, October 30

A59, A94; **CH 13**: 4, 17, 18, 31, 37, 43, 71

Answers: CH 13 #18 (a) 10.6 rad/s, (b) 0.165 m, (c) 38.6 N/m.

Assigned Problems for Friday, November 1

Supp CH 6: 1, 2, 3, 4, 5, 7, 9, 15, 17, 19;

Hand-In Set #7 Due Monday, November 4, 4:30 pm

A61; **CH 13**: 16, 24, 26, 72; **Supp CH 6**: 12, 13, 14, 16, 18.

Assigned Problems for Wednesday, November 6

A47, A76; **Supp CH 7**: 1, 2, 3, 4, 5, 12, 13, 15

Notes: For Supp. 7-12: the preset that you want to use is “Fig. 2 (solid+gas)”

Assigned Problems for Friday, November 8

Supp CH 8: 1, 2, 3, 4, 7, 8, 9, 11, 13, 15;

Hand-In Set #8 Due Monday, November 11, 4:30 pm

A48; **Supp CH 7**: 8, 9, 10, 14; **Supp CH 8**: 5, 6, 12, 14, 16.

Assigned Problems for Wednesday, November 13

Supp CH 9: 1, 2, 3, 4, 5, 6, 7, 8, 14, 16, 18.

Assigned Problems for Friday, November 15

Supp CH 10: 1, 3, 4, 5, 6, 8, 9, 11.

Hand-In Set #9 Due Monday, November 18, 4:30 pm

Supp CH 9: 10, 11, 12, 13, 15, 17; **Supp CH 10:** 2, 7, 12, 13, 15.