

## PHYSICS 210: Homework

### Serway 9<sup>th</sup> Edition

#### Chapter 14:

Suggested (7, 15, 17, 21, 27, 29, 39, 41, 47, 49)  
Challenging (53, 55, 61, 81, 85)

#### Chapter 16:

Suggested (1, 5, 7, 13, 23, 27, 29)  
Challenging (53, 55, 65)

#### Chapter 17:

Suggested (1, 11, 17, 19, 25, 35, 37, 45)  
Challenging (13, 61)

#### Chapter 18:

Suggested (19, 21, 23, 27, 35, 39, 41, 49, 57)  
Challenging (77, 87)

#### Chapter 35:

Suggested (1, 7, 23, 27, 29, 33, 35, 37, 41, 43)  
Challenging (13, 63, 83, 84, 85)

#### Chapter 36:

Suggested (9, 11, 15, 23, 25, 39, 45, 49)  
Challenging (51, 77, 81)

#### Chapter 37:

Suggested (1, 5, 11, 13, 31, 33, 39)  
Challenging (17, 37, 57)

#### Chapter 38:

Suggested (1, 5, 7, 13, 17, 19, 23, 25, 29, 43, 45, 51)  
Challenging (78)

### Serway (Modern) 3<sup>rd</sup> Edition

#### Chapter 1:

Suggested (5, 7, 9, 13, 21, 29, 35)  
Challenging (25)

#### Chapter 2:

Suggested (1, 3, 7, 9, 11, 13, 15, 23)  
Challenging (21, 27, 29, 31)

#### Chapter 3:

Suggested (13, 15, 17, 19, 25, 35)  
Challenging (21, 27, 29, 31, 33)

#### Chapter 5:

Suggested (1, 3, 5, 9, 11, 19, 23, 25, 31, 33)  
Challenging (21)

#### Chapter 6:

Suggested (1, 3, 7, 9, 13, 17, 19)  
Challenging (5, 11, 25)

#### Chapter 8:

Suggested (1, 5, 9, 11, 13, 17, 21, 23)  
Challenging (7, 12, 15, 25, 29)

#### Chapter 9:

Suggested (1, 3)  
Challenging (7)

#### Chapter 10:

Suggested (1, 17, 19, 21, 23)  
Challenging (8, 12, 14, 15, 16)

#### Chapter 13:

Suggested (1, 3, 11, 15, 21, 23, 29, 33, 41, 59)  
Challenging (43, 45, 49, 51, 53, 61)

#### Chapter 14:

Suggested (1, 3, 5, 7, 19, 21)  
Challenging (9, 59)