

**PHYSICS 151**  
**Recommended Homework Problems**  
from Physics, Giancoli 7<sup>th</sup> Edition

**RECOMMENDED HOMEWORK PROBLEMS from the textbook – 7<sup>th</sup> Edition**

Chapter 11 - 1, 3, 7, 13, 19, 27, 29, 35, 36, 41, 48, 49, 51, 53, 55, 62, 73

Chapter 12 – 1, 5, 9, 11, 17, 27, 31, 33, 39, 47, 51, 56, 59, 71, 75, 79

Chapter 16 – 1, 6, 11, 12, 17, 19, 23, 24, 29, 32, 45

Chapter 17 – 1, 4, 6, 10, 13, 17, 22, 25, 35, 40, 44, 47, 52, 55, 72

Chapter 18 – 1, 4, 7, 9, 13, 17, 21, 27, 30, 33, 37, 41, 44, 61, 65

Chapter 19 – 1, 3, 5, 9, 13, 15, 19, 23, 25, 27, 31, 39, 43, 49, 52

Chapter 20 – 1, 4, 8, 9, 12, 13, 17, 25, 27, 42

Chapter 21 – 1, 3, 5, 9, 11, 17, 20, 22, 27, 29, 31, 33, 36

Chapter 22 – 1, 3, 7, 8, 10, 13, 14, 18, 22, 25, 29, 34, 37

Chapter 23 – 1, 3, 8, 10, 11, 12, 15, 17, 19, 21, 25, 27, 28, 31, 34, 37, 41, 47, 54, 71

Chapter 24 – 1, 3, 7, 13, 18, 21, 24, 32, 44, 49, 60, 62, 65

Chapter 25 – 3, 6, 11, 18, 22, 25, 31, 35, 43, 46, 53