

Physics 3221
Fall Term 2018
Homework Problem Set 3

Due Monday, September 17, 13:40 pm in class.

Reading: The remaining sections from Chapter 2.

Please make a note on your homework how long it took you to complete the whole homework.

Problem 1. Driving a golf ball over a wall. Problem **2.16*** from the textbook.

Problem 2. Range of a gun on a rotating turret. Problem **2.21**** from the textbook.

Problem 3. Coasting to a stop. Problem **2.28*** from the textbook.

Problem 4. A baseball going up. Problem **2.41**** from the textbook.

Problem 5. A baseball coming down. Problem **2.42**** from the textbook.

Problem 6. Motion of a charged particle in both an electric and a magnetic field.
Problem **2.53**** from the textbook.