Reading Assignment #20

(due: Wednesday, October 17, 8 am)

(my email: kvollmay@bucknell.edu)

**Read:** Taylor §8.1 – §8.4

1. Give Examples for central forces.

2. Show that Eq.(8.9) follows from Eq.s(8.4) & (8.7).

3. The central-force problem starts with six variables \(x_1, y_1, z_1, x_2, y_2, z_2\). To how many variables can the central-force problem be reduced?

4. **Comments:** What of this reading did you find most difficult and what did you find most interesting? Is there a specific topic you would like to focus on, on Wednesday in class? Do you have any other comments or wishes?

Have a nice break!