

Physics 2211: *Matter and Interactions*

Chapter 9 Standards

1. I can determine the location of the center of mass of an object/system.
2. I can correctly apply the energy principle to the point-particle system.
3. I can correctly apply the energy principle to the real system.
4. I can combine the energy equations for both the real system and point-particle system to solve problems.
5. I can determine the translational kinetic energy of an object/system.
6. I can determine kinetic energy relative to the center of mass of a system.
7. I can calculate the rotational inertia of an object/system.
8. I can calculate the rotational kinetic energy of an object/system.