

Introduction:

ForceExperiment simulates a force ring and torque rod. The ring or rod can

have two to four forces acting on them that the user must try to balance in one of two ways. First, the user can use numerical data supplied to calculate the balancing force, and then he can enter this balancing force into a text field. The second way the user can balance the forces is to use graphical vector addition by clicking on the forces and dragging copies of them to determine the size of the balancing force. Then the user can click the balancing force on to the rod or ring by clicking with the mouse where the head of the vector should be.