Truss – Virtual Work

- Virtual work is a procedure for computing a single component of deflection at any point on a structure.
- To compute a component of deflection by the method of virtual work, the designer applies a force to structure at the point and in the direction of the desired displacement.
- The force is called the *dummy load* or the *virtual load*.
- The force system created by the virtual loads called the *Q-system*.









































