

Introduction.

Statics is that branch of mechanics which deals with the study of the system of forces in equilibrium.

Matter: Matter is anything which can be perceived by our senses of which can exert, or be acted on, by forces.

Force: Force is anything which changes, or tends to change, the state of rest, or uniform motion, of a body. To specify a force completely four things are necessary they are magnitude, direction, sense and point of application. Force is a vector quantity.