



Class: Third Class

Subject: Theory of Machines

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Theory of machine علم نظريات المكين

هو فرع العلوم الهندسية يعمل على دراسة الحركة النسبية بين اجزاء المكين المختلفة والقوى التي تؤثر عليها .

Introduaction :

Is a branch of engineering science which deals with study of relative motion between the various parts of a machine and forces which acts on them.

Branches of theory of machine

as Follow : فرع علوم نظريات المكين :

1-Kinematic علم الكينماتيك

It is a branch of T-M which deals with the relative motion between the various machine parts .

2-Dynamic علم الديناميك

It deals with the Forces and their effects , while acting on the machine in motion .

3-Kinetics :

It deals with inertia Forces which arise From the combined effect of the mass and motion of the machine parts .

المصادر

1-Theory of machine 1-By tomas bevan parts 1+ parts2

2-Theory of machine by Gubta