تناول بالبحث احد اموضوعات الاتية:

(1)   Equations of the plane in the space.

(2) Equations of the straight line in the space. And its relation with a plane.

(3) Necessary and sufficient condition for a vector to parallel to a plane and its applications.

(4) The general equation of the second degree and sketch some surface which represent it.

(5) The sphere.

(6) The Cone and the cylinder.

(7) The projection of the different surface on xy-plane.

(8) The relation between two planes, normal form of a plane, length of the perpendicular from a given point to a given plane

(9) The relation between the sphere and a plane.

(10) The intercept الجزء المقطوع from the coordinate axes by a plane,