$$V=(1,-1,0)$$

$$V=(1/2,0)$$

$$|V| = \sqrt{1+1} = \sqrt{2}$$

$$|V| = \sqrt{1+4} = \sqrt{5}$$

$$V\times V = (1 - 2 0)$$

$$(-1.0 - 0.2), (0.1 - 0.1), (1.2 - (-1).1)$$

$$V\times V (0,013)$$

$$V\times V = \sqrt{1-1}, V (0.50) = 0$$

$$V\times V = |V| \cdot |V| \cdot$$

$$A=(1/-1/2) (B=(0,-1/3) (C=(3,0,2))$$
 $N=AB \times AC$
 $A \times B = B - A$
 $A \times C = C - A$
 $A \times$

-x -29+2=1 sotheplan is (1)

6.3.3

$$\begin{bmatrix} 1 & -1 & 0 \\ 2 & 2 & 3 \end{bmatrix} = (-3, 3, 4)$$

6.3.4

Theorem 6.3.1 = *******

UXV = [Û, Û, Û, Û,

UXV = [Û, Û, Û, Û,

UXV = i(U2V2 - U3V2) - 3(U3V, -U,V3) + k(U,V2 - U2V,)

VXU = [Û, Û, Û, Û,

UXV = [Û, Û, Û,

VXU = [Û, Û,

UXV =

So from said 2 we can approve UN = (UXV)

CS CamScanner

6.3.5

H. (VXM) = 10. (UXM) | volum of parallel etipel

Volum: Areax Height

1- basic Area = UXW = ULLW Sing

2- Height = W. VXW

1a. (nxm)

Volum = UXW X /U. (UXW)

 $= U(V \times W)$

