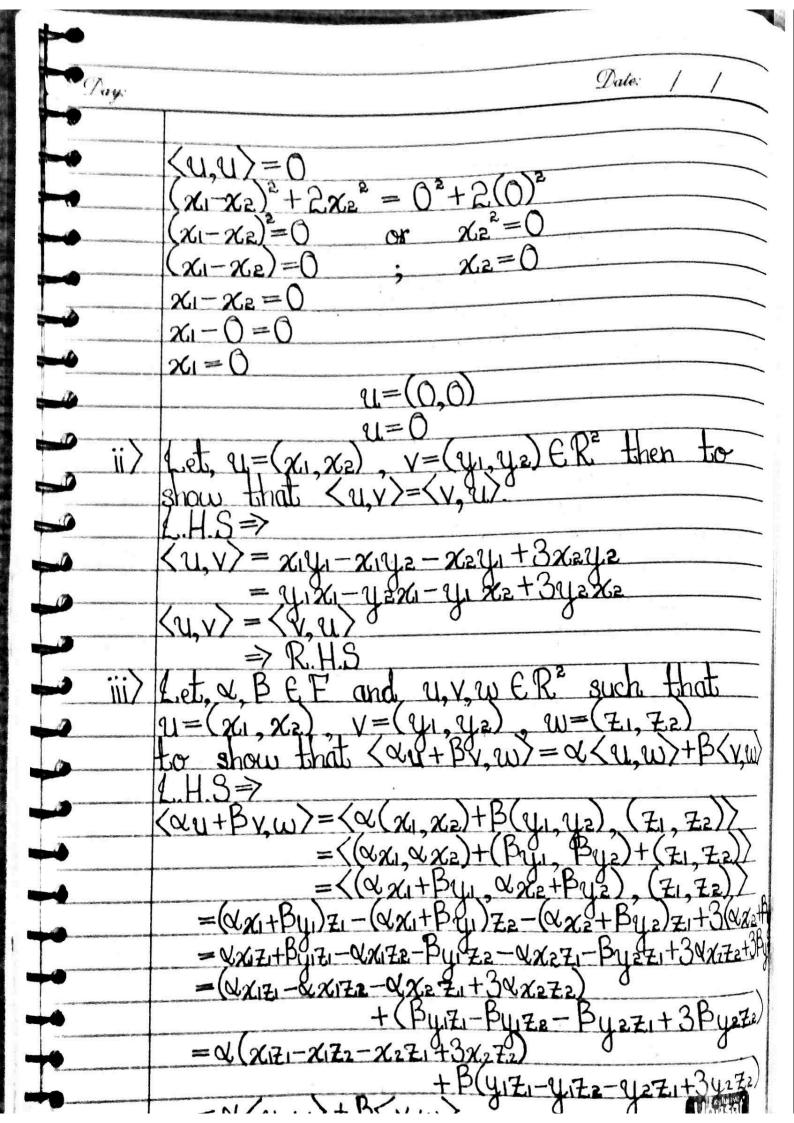
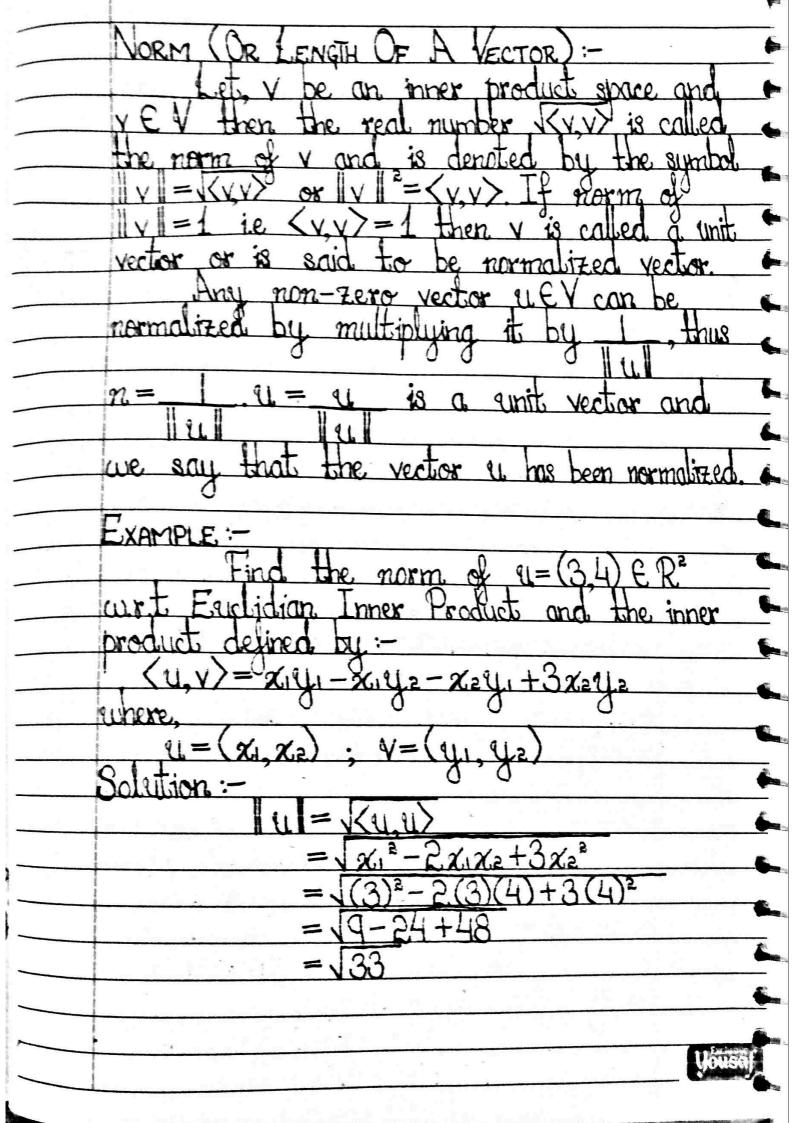
ECTURE 22. Date: Day: CH#05 EXAMPLE:





Day. Jule 1 1 EXAMPLE :-Normalize (1.4.1) ER3. Solution: 111111111111 (1,4,1)The normalized vector of U is = ORTHOGONAL he vectors u and v are said to be if and only if  $\langle u, v \rangle = 0$ . If u is to v then we write  $u \perp v$ . EXAMPLE: et x=(1,-1,2),  $y=(-1,1,1) \in \mathbb{R}^3$ Solution: that & will be orthogonal  $\langle x, y \rangle$ (-1,1,1) > = 0Uousa

