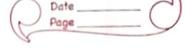


Conven hall of n: = Zxini, Zxi = 1 Conven hall of z: = Zkizi, Zbiz 1 f.(n) = w ( Zx ; n; ) + w = Z (x i (w n; + 120)) 62(N) = NOT (E Bizi) + NO = E(Bi(Wz; +No)) If conven hall intersect then 38xxxx s.t. (((n) = (2 (n) (i) Suppose the Sheir convex hull intersect & they are linearly separable. Myence I(x; CW'x; + Wo)) = I(B; CWZ; two)) -0 but 12 n; two 20 & 102; two 20 as givren so 1 cannot be true hence contradiction hence they are not separable. ii) As they are linearly separable. Mait No 20 & NTz; two co hance ZL4 ( 1 Bizit Wo) & w honce [&; (wtxi+Wo)) & E(B; (wt=i+Wo))



-						
	whereben when	nowly	di 4	B; ase	non	Adjoial.
	> 6. (m) +6	(2(n)	hence	She	2 10	ls are
	disjoint					
						7
			31			