Deter of make x norm. The He Burn wown. 1) // A // > 0 and zero (PE A = ED] Bares upm veith norms we could all for these veith norms with all these veith norms of the sup 1/4x/1 p & 1/4x = AX //AX //A 1XN NX1 ||x|| > ||x|

. Belale supremun 11 P = SUP 1/ AX1/p 1/2/10 0 = 2 = 9 Salas p-vector reun tinu yn 1/2/1p = Snp: |\AX\\p 1.5 Contrue 1 x 2 1/2

(1 A 1) P = Sup || A x || A compact. compact. compact. compact. (A x || A || A x || A 1/A1/p= max (Ax) (1)

1/A1/p= | (1x) | p= |

1/Ax | p= |

