

Set carnel - Kernel Get sets finite 1 10 (5, 52) = e 15, 17521 (5, 1752) - common element 17 1 7 of Deta points That are similars have large inverteduct " . dissimilar have small inner product Kernelize a nearest neighbor algorithm: 1 encledian distance d(n,2) | 1 7-21/2 17 Square it (doen't chang the distance) 1 0(2,2)= 12-212 = 77-272+22 1 mner product 1 = k(2,2)-2k(x2)+k(2,2) & Kernelizing Reduces Bras. 20 not required an N.N has a variance problem, not Bran - for 025: Closed from sol KX (XX) FW X- [71. .. 7n] 7=47... 7n] XX7 coverione met &> Interns who w= & x; x, DW= XX XX = (XXT) XY Now XT (XX)-1= I 10, X = (X X) Y K when Kij = Nixs

