RBFN-PSO (N = 30, c1 = c2 = 1.496, w = 0.7289) -100-vowel **PSO-Fixed** PSO-Incremental-Random 0.14 0.12 0.10 0.08 0.06 0.04 0.02 0.00 -15 18 19 6 14 16 20 Number of centers ( $\kappa$ )