but scaling the feature properly by multiplying as divinding the imputs by an appropriate  $n_1 = size (feet^2)$ ;  $n_2 = \frac{4}{5}bedrooms$   $0 \le n_2 \le 1$ s contour of function is less skewed contour skeined is less skeined is less skeined is coner in minima is coner get every feature un to appron. a [-1 \le n \cdots ]

vourge. €) 0≤7, ≤3/;-2≤2, €0.5/;-100≤2, ≤100, ,-0.0001 = 24 = 0.0001 X Meen Normalization Replace 200 auth 21: - 4: to make features bowe apply 20=1) ang. size. ang # bedroom (g) 1, = size - 1000; Nz = #bectrooms-2 generally, 0.5 = 21 = 0.5; -0.5 < x2 = 0.5 n, -> 2,-11, avg. value of n, in training set S, ronge (man-mm) Std demation of n.