SUPPORT VECTOR MACHINE:
1. Duan all the points on plane
2. Find the Support rectors. It somet Juan 20 to 3D
2. find the Support vectors.  3. All the bias (b) value in vector to convert from 20 to 3D
A. Consigns & anomytos for enemy sulton , seeres and
6. Find liman Eq.
6. Final Eq for hyporoflame.
(1,0.6), (1,1), (1,-0.6), (0.6,0.6), (0.8,6.8), (2,0), (4,6,1)
(4.6,0.5), (6,-1), (6.6,0).
4.6
1000 0 0 0 SV
7 0 1 2 3 4 6 6.
-0.5
-ve S, S <sub>2</sub>
6 and various = [2] [4]
Suppost vectors = [2] 4
$\left(\begin{array}{cc} \chi & & \gamma \end{array}\right)$
(x1. S1. S1) + (x2.52+S1). = -1
$(x_1.s_1.s_2) + (x_2s_2.s_2), = \tau_1.$
[ [ 20] ] = -1
» M[20][20]] + M2[40] [40]] = +1.  M, [20] [40]] + M2[40] [40] = +1.
$x_1 [201] [401]$ $x_1 [201] [401]$ $x_2 = 6.6$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
44K20 14.
\(\frac{\partial_2 \cdot 3.6}{}\)