

Scanned by CamScanner

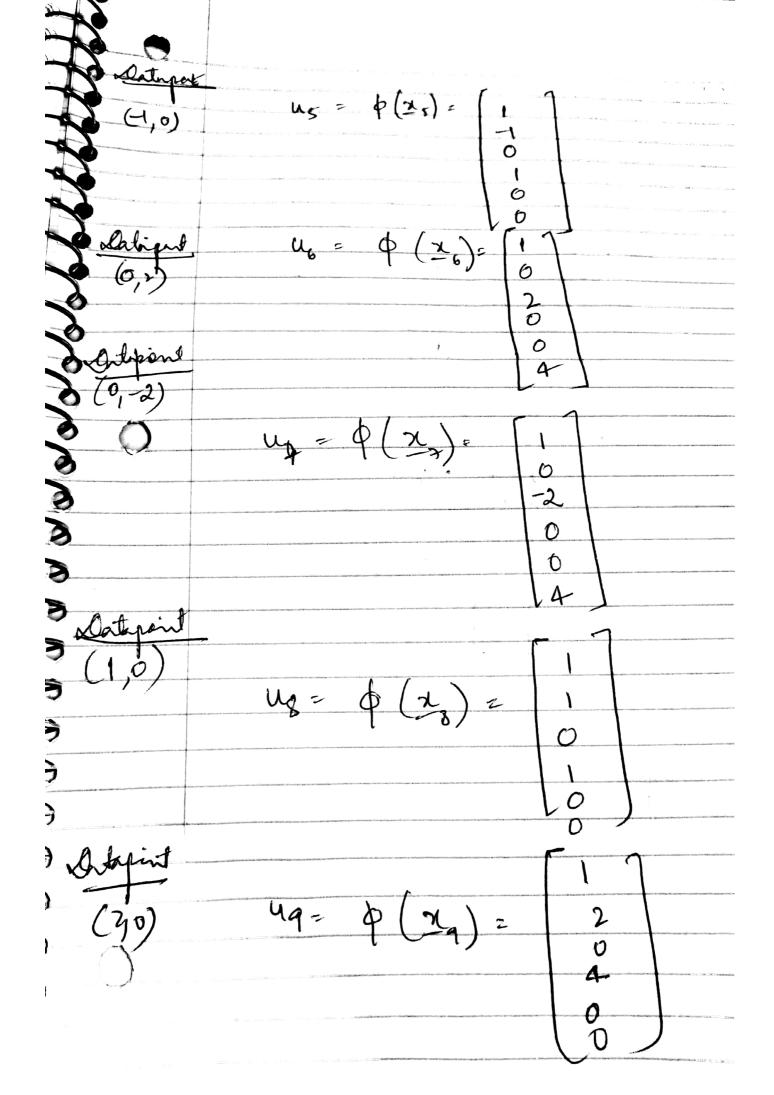
Substitute 
$$u_2 = \phi(x_1)' = \begin{bmatrix} 1 \\ 0 \\ 0 \\ 0 \end{bmatrix}$$

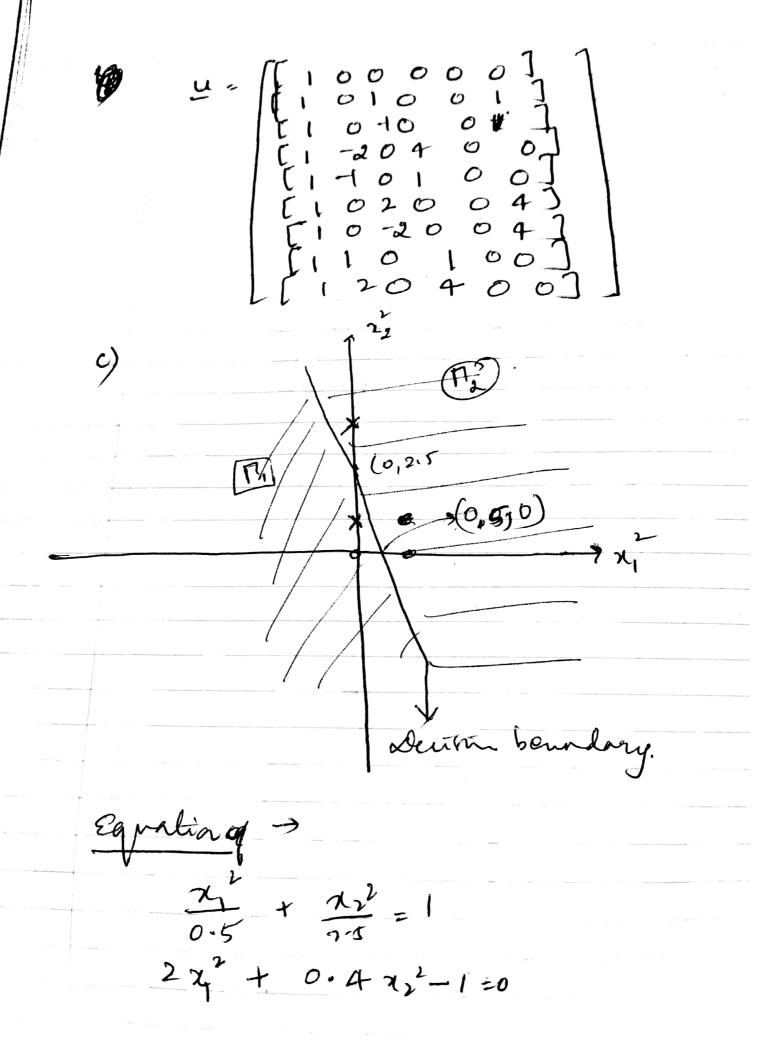
Substitute  $u_2 = \phi(x_1) = \begin{bmatrix} 1 \\ 0 \\ 0 \\ 0 \end{bmatrix}$ 

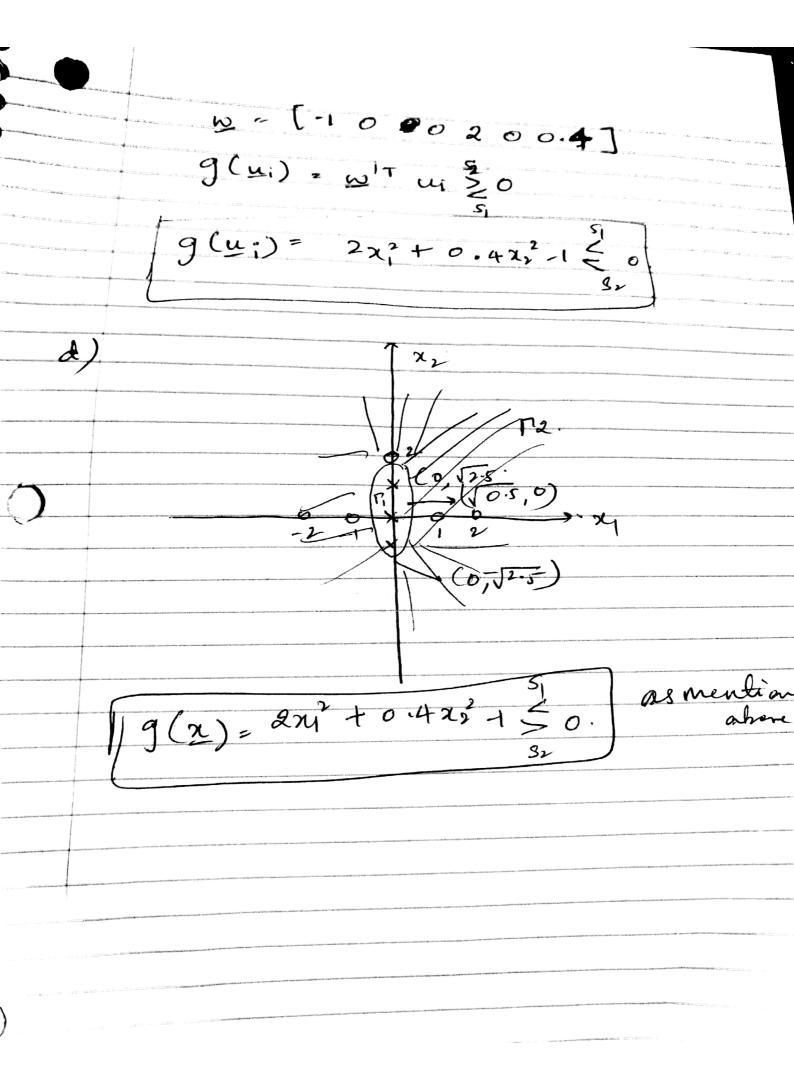
Substitute  $u_3 = \phi(x_2) = \begin{bmatrix} 1 \\ 0 \\ 0 \\ 0 \end{bmatrix}$ 

Substitute  $u_4 = \phi(x_4) = \begin{bmatrix} 1 \\ 0 \\ 0 \\ 0 \end{bmatrix}$ 

Substitute  $u_4 = \phi(x_4) = \begin{bmatrix} 1 \\ 0 \\ 0 \\ 0 \end{bmatrix}$ 







c)(i) decording to the does the instal weight vertice (by default) is w = I for all clase.  1) a) Python postbodies, skillet-learn.  1) b)  The tolking is not available during model building,  i. To get a good estimate of the quality of the model, we see normalization parameters on training date.  Avoiding small model weights in ord.
1) a) Python collected, skirt-learn.  The tolling is not available during model building,  To get a good estimate of the quality of the model, we see normalization parameters on training data
- Avoiding small model vectorits in orl
of get numerical stability.
> To achive quick convergence et optimization algorithms.
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