

	TO ANDWARD OF THE PARTY -/-/-
	Scalar projection = V.W
	$V \rightarrow V$, $\omega = [1, 2, 3]$
	V.W => WT x (1)
	Scalar projection = wtx(1)
	Distance of x(1) from the plane is the magnitude of its Scalar projection.
	Distance 2 w x () [w x ())
	Distance of the Sample x(1) from the plane
	$\frac{15}{2} \omega T_{R} + b = 0$
	wTx()+b
	11.0011
67	Samples $\rightarrow \chi^{(1)}, \chi^{(2)}, \dots, \chi^{(n)}$ Output label $\rightarrow y^{(1)}, y^{(2)}, \dots, y^{(n)}$
	Output label > y(1), y(2),, y(1)







