Assignment -0

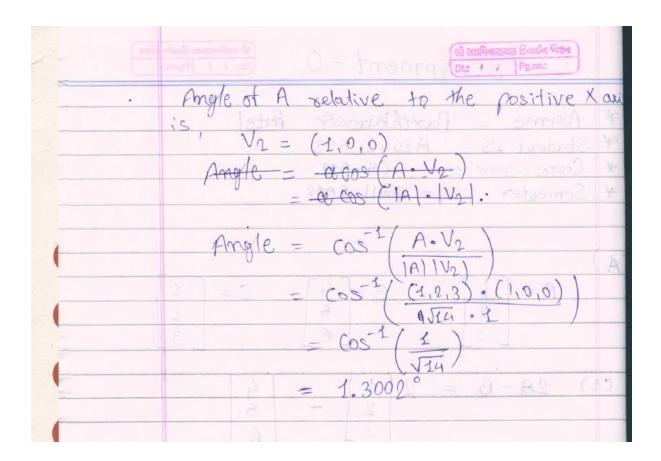
Name : Parthkumar Patel

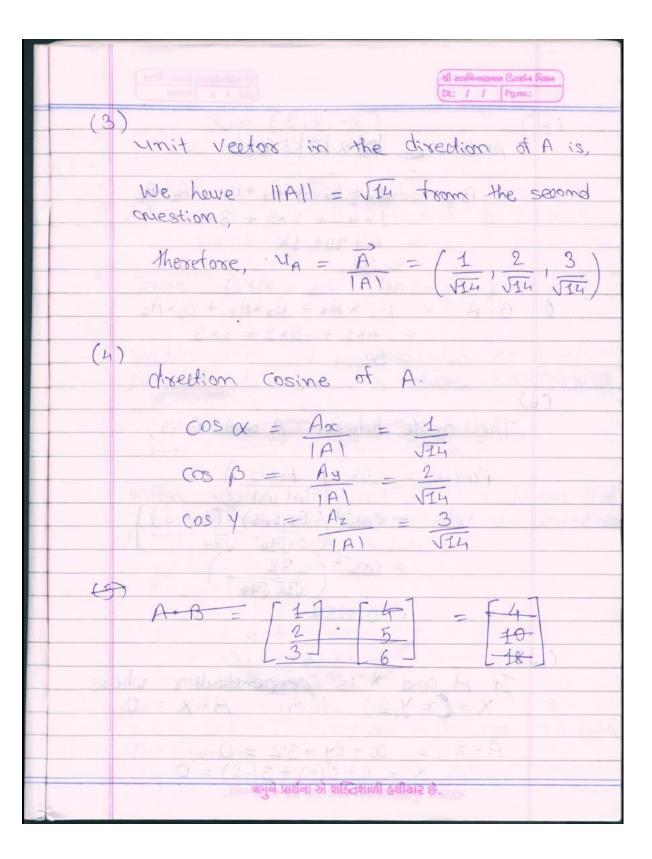
Student ID: A20416508

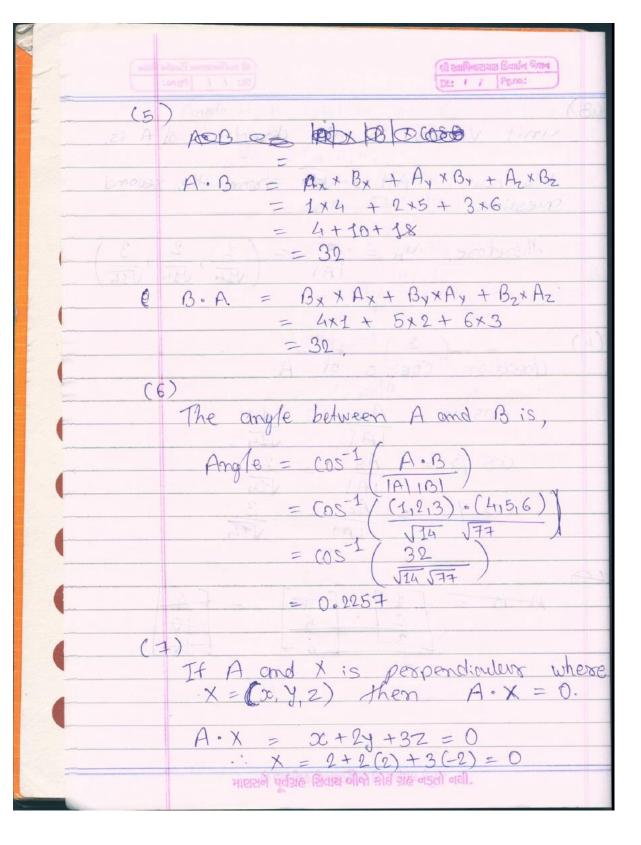
Course Number : CS512

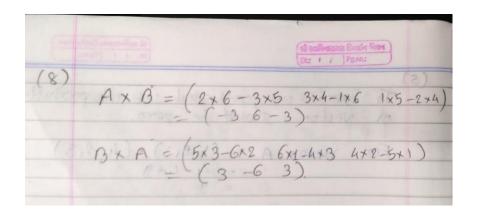
Semester – Fall 2018

	(१४०२ १४७०० कार्युक्तिक (a)) (श्री स्वामिनास्थ्यक Gardin मित्रन)
	Assignment - O DE: 11 Pana:
L Duce	X syrthism sat at switches A to slend .
7	Name = Parthkumar Partel
*	Student ID = A20416508
*	Course number = . CS-512 Semester = Fall 2018
*	semestes, 1 - rail 2018
	Marchaeov. And France Store
CA	Tovilai In The Comment
	$A = \begin{bmatrix} 1 \\ 0 \end{bmatrix} \qquad B = \begin{bmatrix} 4 \\ 1 \end{bmatrix} \qquad C = \begin{bmatrix} -1 \\ 0 \end{bmatrix}$
	2 3 5 1
(4)	
C	(2A-B) = 2[1] - [4]
	2 - 5
	[3] [6]
	$=$ $\begin{bmatrix} 2 \\ \end{bmatrix}$ $\begin{bmatrix} 4 \\ \end{bmatrix}$
	4 - 5
	[6] [6]
	$= \begin{bmatrix} -2 \\ -1 \end{bmatrix}$
	0
(2	
	$ A = \sqrt{(1)^2 + (2)^2 + (3)^2}$
	$= \sqrt{1+4+9}$ = $-\sqrt{14}$
	= -V 14









		as the possible.
	(9)	21 - 21
	>	Vector which is perpendicular to both
		A could B is, X whose XXX (STONE)
		A.X = 7+9+22-0
H		$A \cdot x = 2c + 2y + 3z = 0$ $A \cdot x = 4x + 5y + 6z = 0$
Н		TANK THE U
		given yestor A and B we know that
		to both A and B. theat is perpendicular
+		0 0 0 0
		\overline{X} = $\begin{vmatrix} \hat{i} & \hat{j} & \hat{k} \\ 1 & 2 & 3 \end{vmatrix}$
		456
		$= -3\hat{i} + 6\hat{i} - 3\hat{k}$
4		$= -3\hat{i} + 6\hat{j} - 3\hat{k}$ $= (-3, 6, -3)$
-		Also, A.X and B.X is zero so &
		1 = (-3,6,-3) is peopendicular to both.
		પ્રભુને પ્રાર્થના એ શક્તિશાળી હથીચાર છે. હાલ

