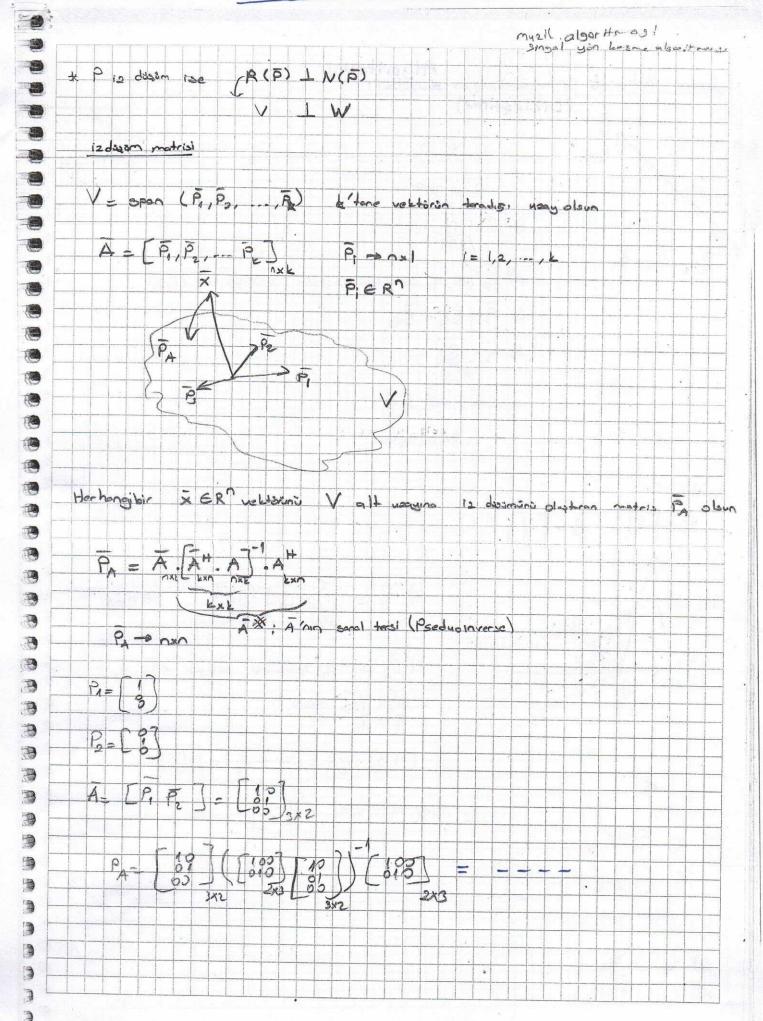
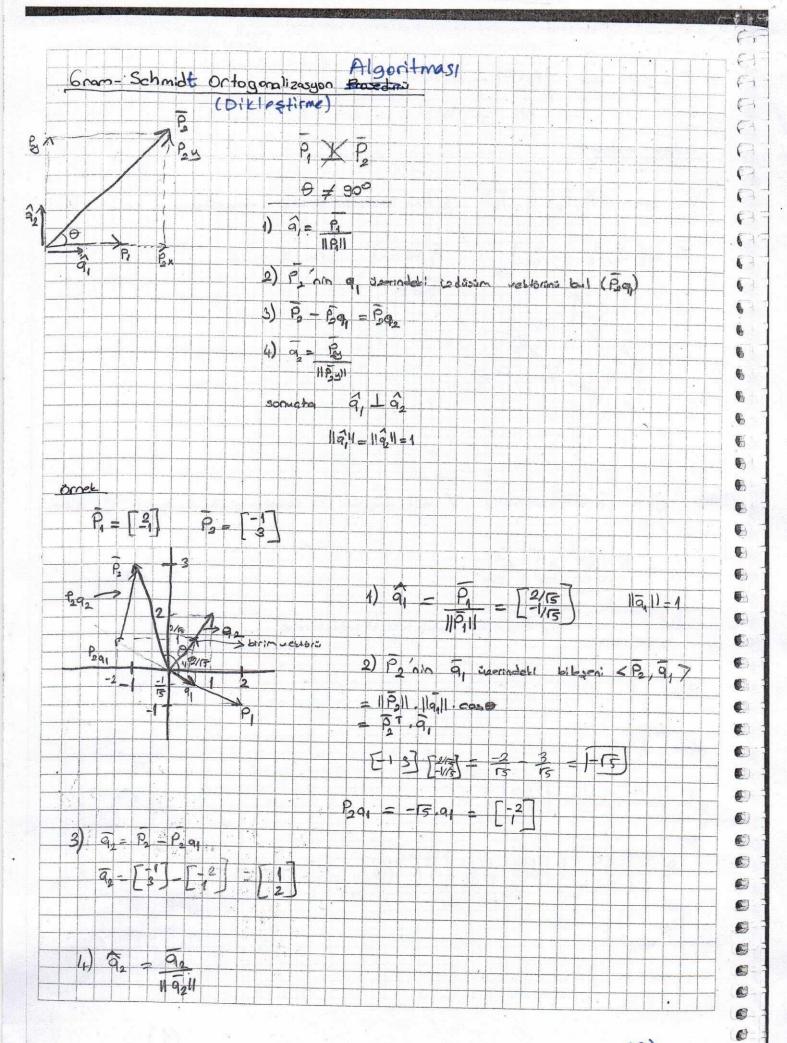
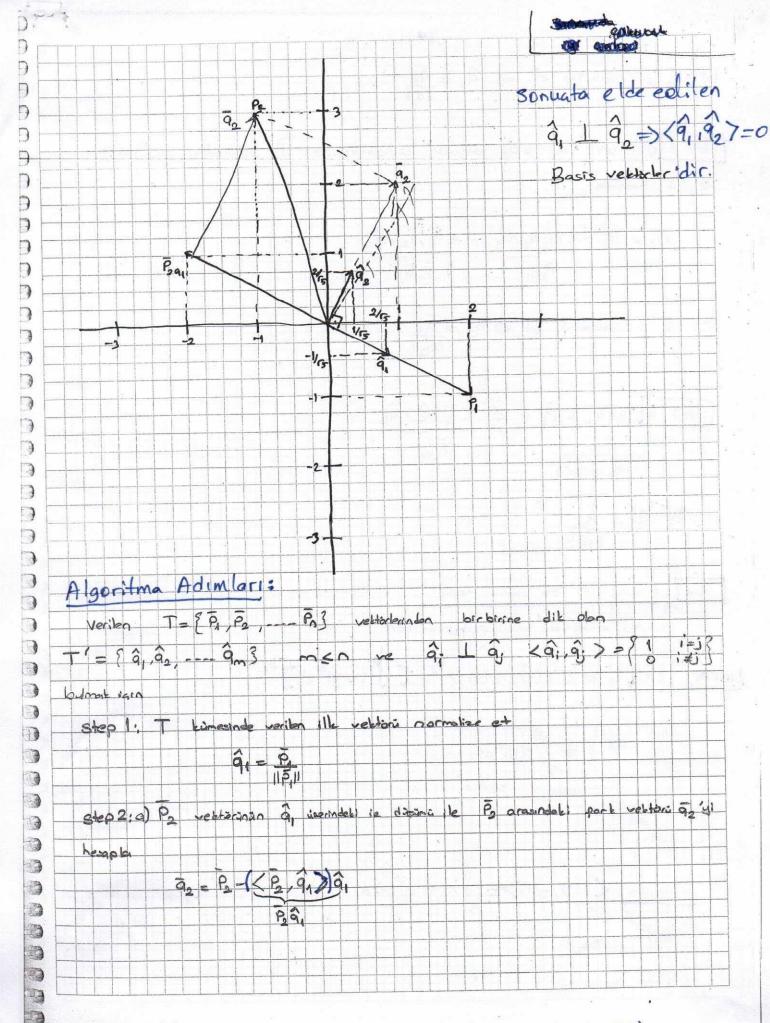
BMMU 7. Hafta







92 = 92 normalize et 119,11 Tstep 3:(a)P3' un aj ve aj azerneti izdasunten ite P3 grasindaki park vektorů 93 's hesph 2 93 = P3 - < P3, 9, 79, - < P3, 92 792 P3 91 Step L a) 9 = P - 5 < P, 9; > 9; PLO TL=2, b) $\hat{q}_{L} = \hat{q}_{L}$ Fontsyonler ign norm [a, b] analiginala tomali fontsigner isin Norm: ||x(+)||2 = < x(+), x(+) >1/2 = [] |x(+)|2 | +)1/2 1 1 p | k(+)|2 c+ ×(+) -> Perinadil 9=0 aproxim; < x(+), y(+)>=) x(+) y*(+) d+ 1 6 0 0 0 0 0

(4)

(A.)

ornek T= \$ 1, 4, +23 7 + E [4,1] - PH 7 7 7 P(1) P(6) P3 (+) 1 1 P. J. P. 明 P1=1 P2=+ 哥 < P, , 2 > - 1 1.+ d+ THE 1 12/ HO 图 10 H step1 (y,(+))= P(+) = P(+) (1) (y',1 d+) = 一根 (H) 1 B 1 Step 2: e2 (+) = P2(+) - < P2(+), y.(+) > . y.(+) + B 1 S+ 12 43 B 3 -1/Eng (42 (+)) = e2 (+) = -11e2(4)11 3 3 (1 ez(+))= (< ez(+), ez(+)>)1/2 = B 13 3 B 3 step 3: e3(+) = P3(+) - P34(+) - P342(+) -13 -P3 (+) = < P3 (+), y, (+) > y, (+) 123 13 3 3 S +2. 1 st 3 3 36 +3/1 3 13 . 3

3

3

(5)

P3 42 (4)	= < P3 (+) ,	J2 (+)> y2	()) =					
	S1 +2 E2	+ = O + d+						
e3(+)=	+2 - 1							
y3(+)	= e3(4) 11e3(4)11	+2-1 S(+2-1).(+2-1)	dt'					
GRAM.	-SCHMIDT	ALGORITM	ASININ	GERG	EKTEN	MESI		
Ā=	Pa P2	. P _n	₽, €	R				
Q =	= [9, 9 ₂ . atrisini oli	9,4]	rk≤n					
R=	िमिमा दह	19,7 (B,9,	1 1 1 1	<pn.91< td=""><td></td><td></td><td></td><td></td></pn.91<>				
		11189		(Pn)				
				\ < P	n,9m-1			
k.a	dımdaki -	< P4,9; 7	9; = R	(1:k-1	,k)			
		k-1	= Q (Pe, 9,)9	(; , 1. : = 0	& k-1)H	A(:,	k) (1:k-1	,k)
		1 1			Y /			
							(.6)	