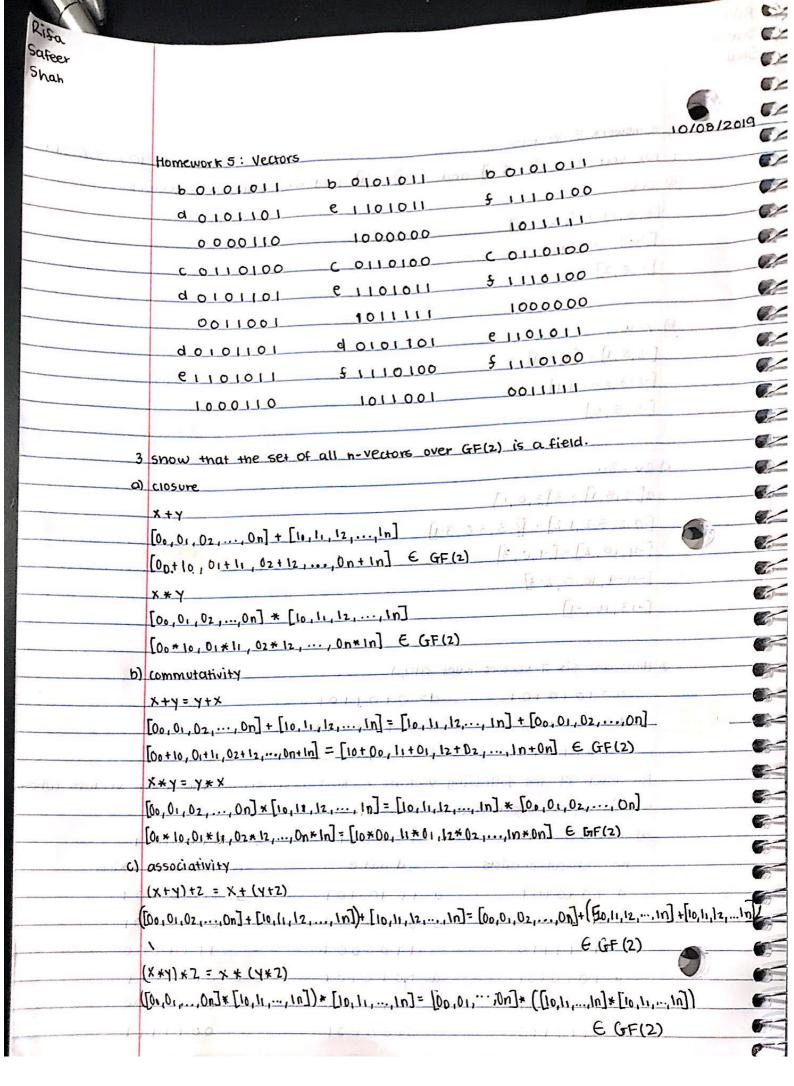
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100	Homework 5: Vectors 10/08/2019
1.	For vectors v= 1-2,5,11 and u= 13,0,11 find the following vectors:
0	W+V 101011 1 101010 b
	[3,0,1] + [-2,5,1]
	[3+(2),0+5,1+1]
	[1,5,2] 010/11/6 ////// // // // // // // // // // //
	000000 1011101 10000
p)	V-W [101] 101 1010 6 1011010 6
6)	[-2,5,1] - [3,0,1]
	[-2-3,5-0,171] 1100 1001101 0110001
	[-5,5,0]
	A Stand About the Set of all n-Venera over at (2) is a field
	2v-3u
	2[-2,5,1] - 3[3,0,1]
2	$[-2\cdot2,5\cdot2,1\cdot2]$ - $[3\cdot3,3\cdot0,3\cdot1]$ [al,,1,1], [a0
7	[-4,10,2]-[9,0,3] (1) to 1 (1) (1) (1) (1) (1)
	[-4-9,10-0,2-3]
	[-13,10,-1] [[] [[] [] [] [] [] [] []
3	(S):17) 3 [n1=n0,, s1=s0, 11=10, s1= 0]
2.	Here are six 7-vectors over GF(2):
-	a=1010101 d=0101101 x+x+x+x
(S 170)	10 b = 01 010 ty (11 sh e= 11 1 01 0 9 11 1 1 - [00, , 0, , 0]
9	(C30 11 6 1000, 11 31 5 = 111 10 10 10 10 10 10 10 10 10 10 10 10
	for each of the following vectors u, find a subset of the above vectors whose
	sum is uport that no subset exists. 11 11 = [1] (1)
3	a) u= 000 (1111111 1000 11000 1101 1000 11
3	no such subset exists d and e no such subset exists
3	
1 al st 11 old fall	a 1010101 a 1010101 (5/11) a 1010101
2	(15 6) (0) (0) (10) (10) (10) (10) (10) (10)
7	(5) 1111110 1100001 1111000
7 15	9 10 10 10 1 9 10 10 10 10 10 10 10 10 10 10 10 10 10
	1. 10 (1/10/10) 1 min 1. 1. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3	010 0111110 010001 0011111
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