

Term 072
 Course COE 543
 Section 1
 Time 3:20 - 4:35 pm
 Rm 22-134
 Total 5

Serial	Stuid	Quizes					Homework			Exam 1 - April 5					Project	Final				Bonus	Final Plus Bonus	Final + Major	Total I	Total II	Total		
		1	2	3	4	Avg	1	2	Avg	Q1	Q2	Q3	Total	Total		Q 1	2	3	4								
		60	40	50	40	13	160	260	12	60	40	40	140	20	25	50	40	40	40	170	30	30	50	100	100	100	
1	215769																										
2	216869																										
3	234907	58		20			112			39	18	24	81	11.6	1.0												
4	260308	43	28	40	20	9.6	158	258	11.9	35	15	25	75	10.7	19.0	34	14	32	37	117	20.6	3.0	23.6	39.4	74.8	79.9	79.9
5	260424	60	40	50	35	13.0	140	257	11.2	60	40	40	140	20.0	25.0	50	37	40	40	167	29.5	7.0	36.5	60.8	105.7	110.0	110.0
6	260452																										
7	260462																										
8	270257	48	29	40	20	10.1	153	258	11.7	44	14	33	91	13.0	17.0	33	26	22	34	115	20.3	1.0	21.3	35.5	73.1	74.3	74.3
9	270269	53	32	50	38	12.3	155	258	11.8	54	32	37	123	17.6	13.6	44	26	27	32	129	22.8		22.8	37.9	78.0	75.6	78.0

5	4	5	4	4	5	4	4	5	5	5	5	5	5	21	4	4	4	4	4	4	4	4	4	4	4	4
52.4	32.3	40.0	28.3	11.2	143.6	257.8	11.6	46.4	23.8	31.8	102.0	14.6	3.6	40.3	25.8	30.3	35.8	132.0	23.3	2.8	26.0	43.4	82.9	84.9	85.5	
87%	81%	80%	71%	86%	90%	99%	97%	77%	60%	80%	73%	73%	14%	81%	64%	76%	89%	78%	78%	#DIV/0!	87%	87%	83%	85%	86%	

Bonus 1 **Weight** **Multi-user diversity**

260424 5 Need to write it in a nice word or power-point file

260308 2 No analytical solution beyond what is solved in class - no error rate curves

270257 ? solution is not fully analytical and need to explain similarity with that for 270269

270269 ?

Bonus 2 **Sub-channel allocations permutations**

234907 1

270257 1 C++ code - could not execute - need matlab code

260308 1 matlab code for fixed N (I am not sure about K).

270269 1 C code - could not execute - need matlab code - put for COE 540

Bonus 3 **Solution for non-linear system**

260424 2 Need to present a cleaner version of the code with verbose output