of the problem is, for the nor of sources > 6, we are not getting right tis after section 201 code, i.e. calched code.

> Why?

#Let's take an example of 9 sources & 8 Mics in . The reason is,

As we sun the calctod code in groups of 4, for every combination, 2 store them in Ti-vec table/matrix & apply the mode on it'

* other source's Tis, other than the four will be given Os in the Ti-vec table.

· S S2 S3 S4 S5 S6 S7 S8 S9 No. of Combinations having S1=8c3=56 > Total no. combinations = 9c4

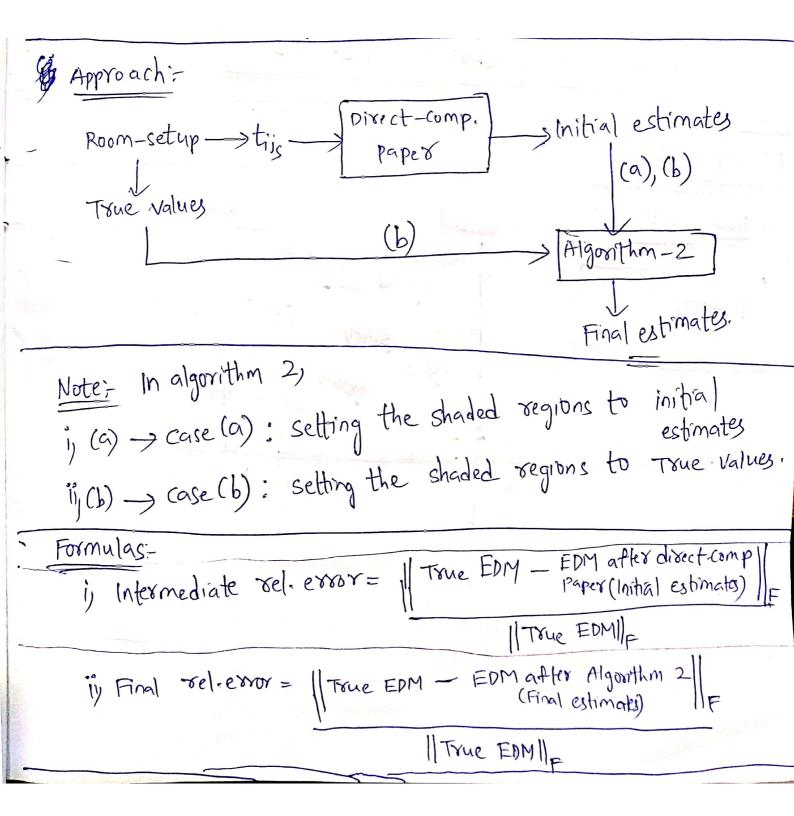
.. In S, row, 56 non-zero values (mostly true values) g 70 zeros.

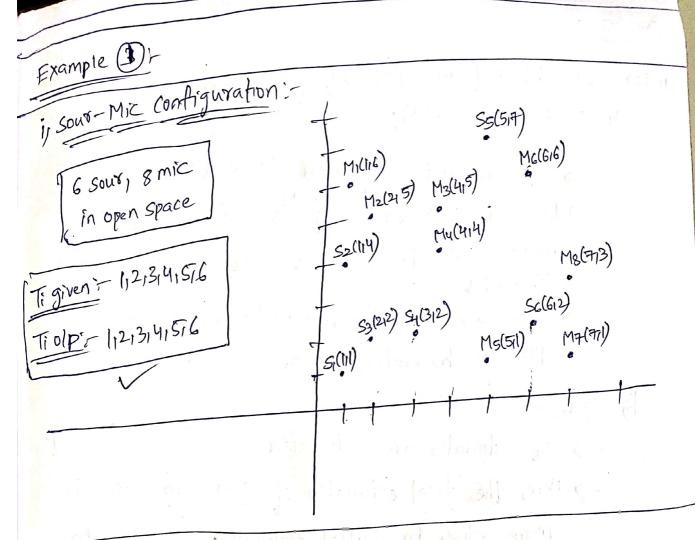
* so, by mode function, we are gelting the tis to be 0_{ς} .

* What can be done?

Taking the mode of non-zero values for every

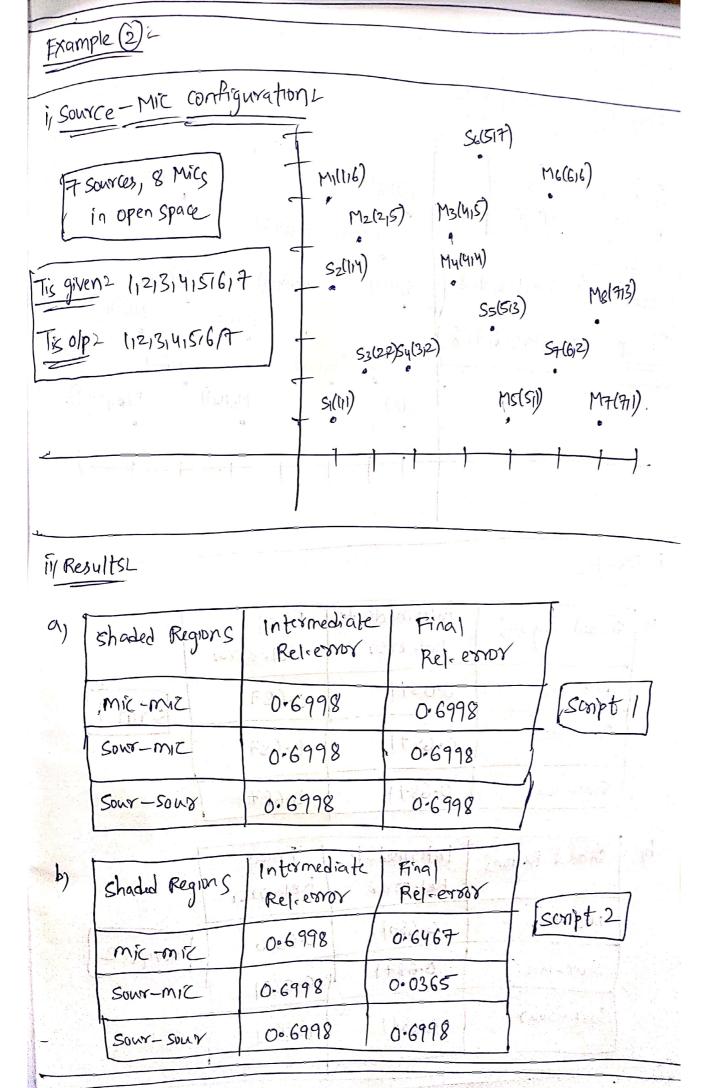
Source will do good
Here, are few examples.

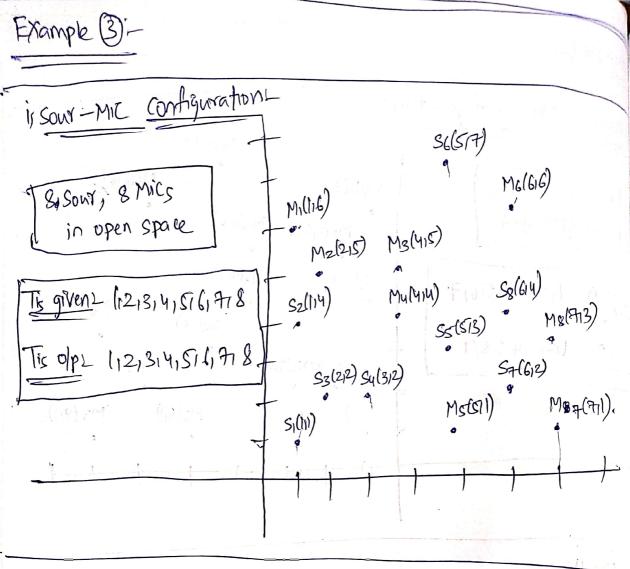




_	
11/	Results

11/ 11/63		Intermediate	Final Relierror	
9)	should Regions	Rel. essor	0.7072	
	mic-mic			[Script]
	Sour-MIC	0.7072	0.7072	Final Coolugion
	Sour-Sour	0.7072	Jan Jasing.	mode was been
Ь	Shaded Regions	Intermediate Reliemor	Final Relierror	to mobes
	miz - miz	0,7072	0.6570	Script 2
	sour-mic	0.7072	0.000	Look (Ca)
	Sour-Sour	0.7072	0.9072	Wings A.





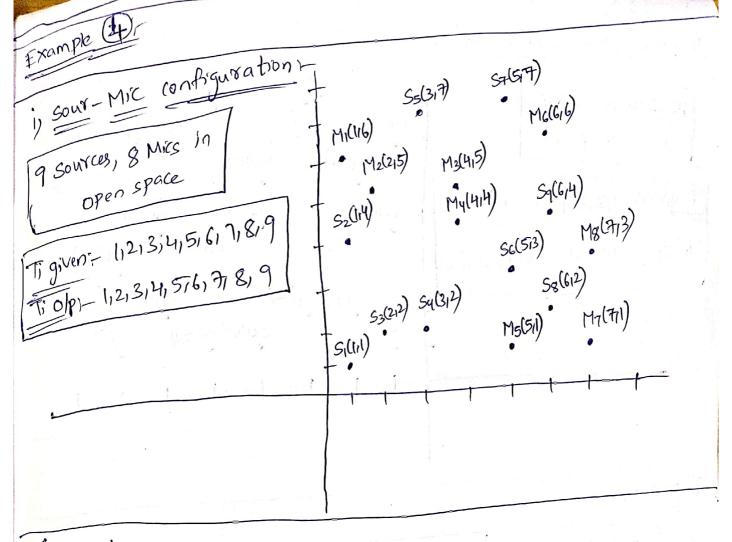
iy	Resultsi
/	

bj

a) [Shaded Regions	Intermediate Reliemor	Final Relierror	a holodo
-	J.m-5,m	0.6871	0.687	script 1
A Commence of the Commence of	Sour-MIE	0.6871	0.687	Dim-cos
	Sour-Sour	0.687)	0.687	402-102

	Shaded Regions	Intermediate Rel-error	Relientor	C) 22 2 89
-	Mie-Mie	0.6891	0.6336	script 2
4	Sour-miz	0.687)	0.035	Tim-neg
	Sonr-Sonr	0.687)	0-6871	(1002 - 11.002)

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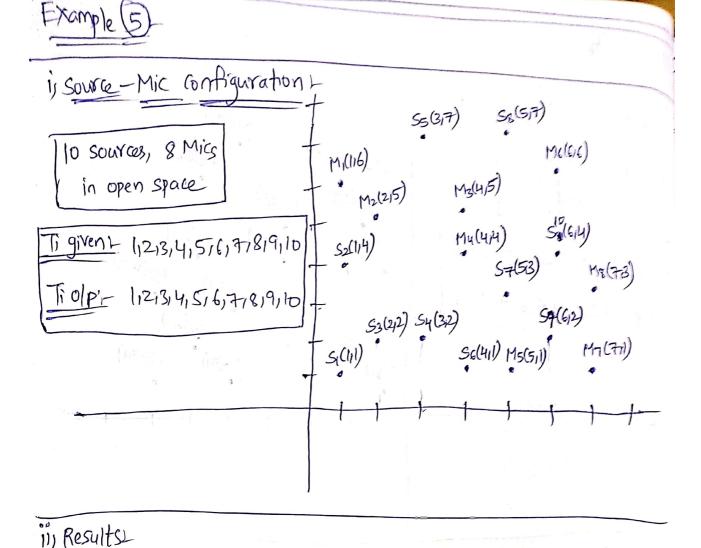


i) Res	sultsi	112	A COLLEGE
a,	Shaded Regions	Intermediate Relientor	Final Reliebook
	miz-miz	0.7042	,0.7042
	Sour-mic	0.7042	0.7042
	Sour-Sour	0.7042	0.7042

Script 1

Shaded Regions	s/ Intermediate Reliermon	Reliersor
mic-mic	0.7042	0.7012
Sour - mic	0.7042	0.0240
Sour - Sour	0.7042	0.7042

script 2



1				
aj	Shaded Regions	Intermediate Reliervor	Final Reli enor	Part of the second
	& MIC-MIC	0.6839	0.6839	[script]
	SOUY-MIZ	0.6839	0.6839	Scale
	SONT-SONY	0-6839	0.6839	

Shaded Regions	Intermediate Relierror	Relie groy	
mie-mie	0-6839	0.6860	Script 2
Sour - Mic	0-6839	0.0242	
Sour-Sour	0-6839	0.6839	

b)

Scanned with CamScanner

EXal	mple 61		
	urce Miz Config	uration'-	
i, So	Wir Ce - Jim	+	Sel317) Sel517)
111 60	ures, 8 Mils	+ MK116)	M6(6)6)
ز	n open space	M2(2)	5) M3(415)
	- C 7:0		My(4,14) S11(6,14)
Tis give	en-1,2,3,4,5,6,7,8	(19,10) S2(114)	S7(513) 40(613) M8(713)
Tic ole	>- (1213,415,6,7819	7,10,	Sy(312) Sy(612)
311		S _I ((I))	salui) Messil) Matal)
	- (haya (hayari	Character 1 to 1 t	
+	9 - 2		
	12.33		
ij Res	ults-		
7=		I Intermediate	[Final
4)	shaded Regions	pol. error	Fing
4			
	mic-mic	0.6767	0.6767 [script]
	sow-mic	0.6767	0.6767
	Sour-Sour	0.6767	0.6767
	Total Control of Contr	The state of the s	Especial Long hobons of
bj	Shaded Regions	Intermediate /	Reliervor Torrist?
	mie-mie		0.6810 Script 2
	Sour-miz	0.6767	0-0235

0.6767

Sour-sour

0.6767

Frample (7) } ij Sour-Mic Configurations Sq(517) Sq(517) MG(GG) MG(GG) MG(GG) MG(GG) MG(GG) S12(775) S11(GH) Sq(513) S10(G3) Mg(373) Sq(612) Sq(111) SG(H1) MS(S1) MA(971) 12, sarves, 8 Mics in open space Tis given - 1,213,4,516,718) 9,10,11,12 TR 0/P2-1,2,3,4,5,6,7,8) 9,10,11,12 11, Results-PET hilling Final Intermediate shaded Regions Rel-esvoy Relienos script 0.6519 MIZ-MIC 0.6519 0.6519 0.6519 SOUY-MIC 0.6519 0-6519 Sour-Sour Intermediate Final Shaded Regions b) Reliemor Relierror script 2 0-6519 51m-5m 0.6591 0.0227 0.6519 Sour-MIZ Sour-sour 0.6519 0.6519

Conclusion: For any number of Sources 2 mics, ① Through approach ②, There's no improvement in result after applying algorithm ②, as it suns 2 forms the same EDM in every iteration, by alternating descent method. ② Through approach ⑤,
1) Through approach (a), There's no improvement in result after applying algorithm (2), as it suns I forms the same EDM in every iteration, by alternating descent method. 2) Through approach (B),
There's no improvement in reach algorithm (2), as it suns of forms the same algorithm (2), as it suns of forms the same EDM in every iteration, by alternating descent method. (2) Through approach (B),
algorithm (2), as it suns of torns EDM in every iteration, by alternating descent method. Through approach (D),
method. Through approach (D)
2 Through approach (D)
1) Fix Sour-mic part:
Results are converging well to true EDM.
ii, Soui Fix Sour-Sour parth
True-EDM - Direct Initial_est -) [Algo-2] Final est
an lodel a Em.
Levela (dou)
Initial estimates of thus, there is sour-sour part is no difference blw

almost equal to True sour-sour part initial & Amal

estimates

So, as pirect-comp paper is recovering sour-sour well, sour-sour part is accurately estimated. So, the relative error related to sour-sour code is all due to difference in mic-mic & sour-mic parts. The reason why is it happening has to be worked on.

(i) Fix mic-mic partition of initial estimate EDM, the Final EDM is compared to initial estimate EDM, the Final EDM is sometimes improving a sometimes worsening, sometimes improving a sometimes worsening, in terms of relative error. (i.e., comparision in terms of relative error-intermediate). between release-final of release-intermediate).