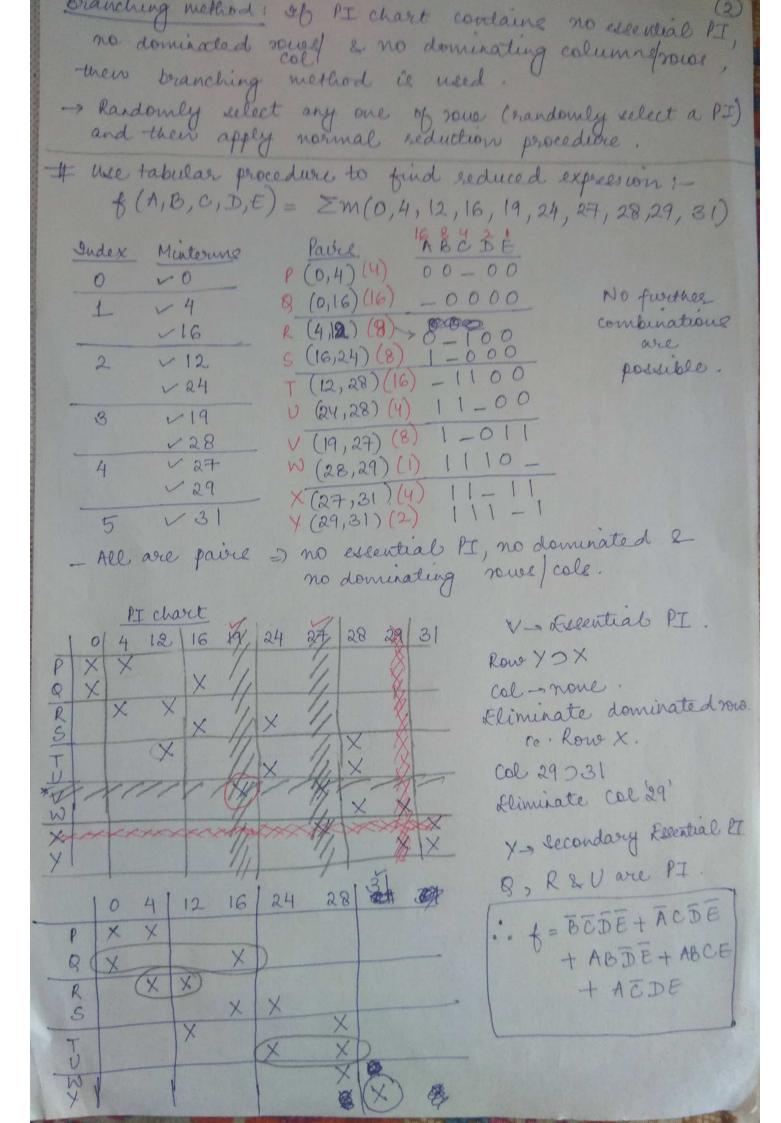
QM method: PI charit - for simple fine but for complex fine, it has to be reduced further to get the reduced PI chart & reduced exp. O Two rows | col are eard to be equal if them have exactly x's in same cole/2000s. [I=J, A col I' in a PI chart is said to dominate another col'J' if col'T' has awary X' in every now in which col'J' has a X. (*) 96 col'I' dominatel col'J', then col'I' can be deleted from charit without affecting search, for minimal. expression (remove dominating columns) (#) If now I' is said to dominate another now 'J' if now I' has a X in every col in which your 'J' has a X. () If row 'I' dominated now 'J', then now 'J' can be deleted from chart, without affecting the search for minimal expression (remove dominated sours) Procedure: Determine Essential PI from PI chart.

Determine Essential PI from PI chart. 3 Remove dominated rower & dominating columns. (4) Identify secondary EPI from reduced chart and continue process until ans is obtained. 2: Dominated & dominating rows & columns 11 12 collizal'is how 'A' is dominated by new (Commating Row) Dominated Row col'9' is dominated by col'4' 2'12' 2'13'
Col'9' is dominated by col'4' 2'12' 2'13'
Col'9' is dominated by col'4' 2'12' 2'13' Dominated Column





Branchi.	g method	- Zm 12,3,	4,6,9,11,12,13)
	Minterns	Pavil (1)	VIBOD
1	3 3 6	Q 2,6 (4) R 4,6 (2)	0-10
	9	5 4,12 (8) T 3,11 (8)	-100
3	11	V = 9, 11 (2) V = 9, 13 (4) W = 12, 13 (1)	1-01

	PI	cha	it					
-1	2 3	1	4	6	9	11	12	13
(0)	* *	+	1	X	110			
0	7 1	1	X	X				
S	1		×				X	
T	1/ 4	4			~	X		
U	7 1				X	×		×
N	1	1			1		X	X
			too			Low	011.	say 2.

No dominating
No dominating
No dominated
No dominated
Sones /col
So, Branching
method is used

Select any minterno, randonly, say 2'.

Select any minterno, randonly, say 2'.

Randonly select 'p'.

Remove how 'p' & minterno covered by it (1e. 2 & 3)

Remove how 'p' & minterno covered by it (1e. 2 & 3)

Remove dominated row (3).

Remove dominated row (4) & Remove dominating coll 4) & 100 Col 'A' dominated col 'b'.

