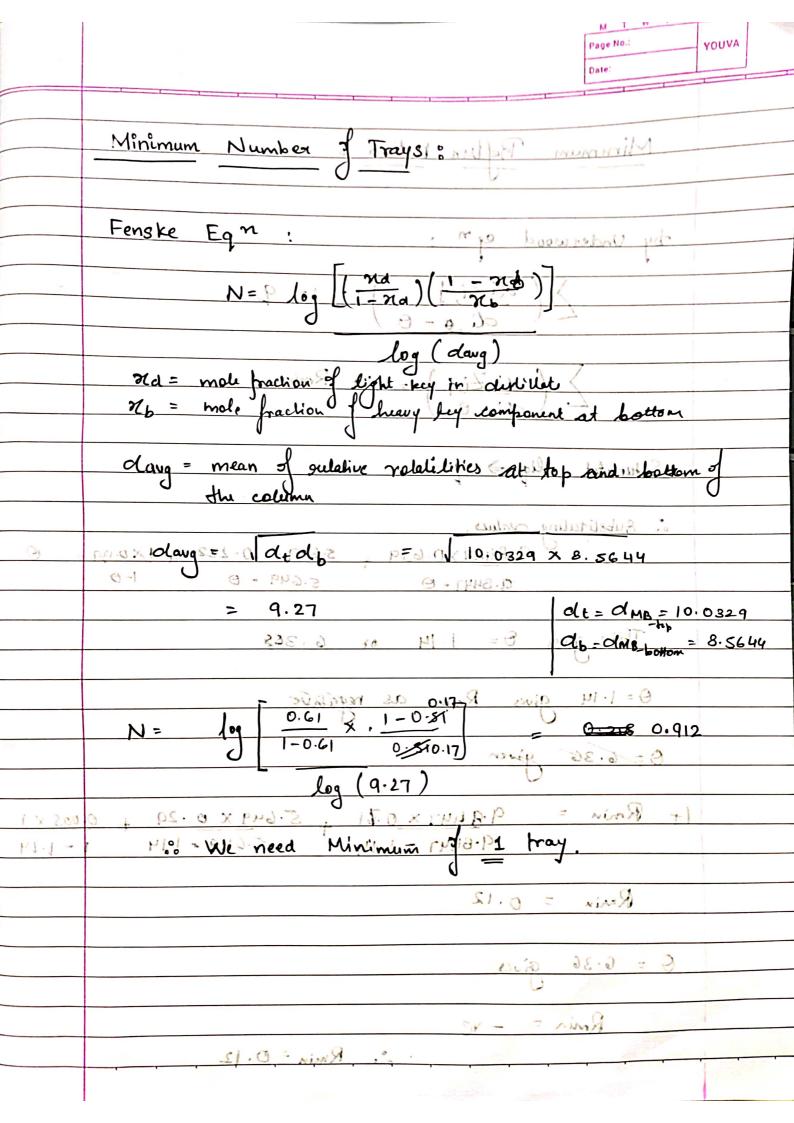
		M T W T F	s s	
		M T W .	YOUVA	
		Date:	100	
		- I		
	Initial Composition of feed:			
		4		
	weight of mothand = 1.5 kg  weight of butanol = 0.75 kg			
	weight of others			
	weight of hills			
	Burand = 0.75 kg			
		11.		
	methand - 1.5 = 46.816 mg			
	moles of methanol - 1.5 = 46.816 mol			
	moles of ethanol - 0.75 = 16.273 mo	D		
	46.67 = 16.273 MIS			
	moles of Rithal			
	moles of Butanol = 0.75 = 10.118	moly		
	74.121			
		<u> </u>		
-	Total moles = 73,213 mole			
	mele feaction of methand = 0-63 g			
	mole fraction of ethanol = 0.222			
	10-10-10-10-10-0-12-0-12-0-12-0-12-0-12		1	
	mole fraction of Butanol = 0.139		12	
31	the same of the sa			
= #	mole fractions:		1	
1)	Total Reflex			
	1il) methanof ->			
		112		
	and I want			
	Hila Tratio = Phea of method / A	rea of Cope	Chexx	me
	Area ratio = Prea of method/A  (Al) = 10.54/15.95	, 0		
-	.,,,,,,			
	= 0.14			

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				Age No: Youva
3.781				Olly
2)	Pol	Total Reflux	R=19	R=1
		and your		
	Part-methonal-Top	0 9509 cut	1.0089 whm	1.0452 alm
	Part-methonal-bottom	1.5766 dos	1.7443 alm	1.9332 atm
	Post- Marel-top	0.5342 alm	0.5703 atm	0.5930 alm
	Post-etland-bottom	0.9336 atm	1.0437 atm	1.1689 atm
	Post-butanol-tap	0.0948 atm	0 1/025 alm	0.1074 atm
	Post- betand-botton	0.1841 alm	0.2100 atm	0.2901 atm
	Relative Volati	lity:-		
	2 methand-ethanol	tap 1.7802	1.7691	1.7625
	& Methanol-ethanol-60	tem 1.6887	1.6712	1,6538
	methand-butinel-top	3 10.0329	9.8447	9.7348
	Knothand-butanal-batt	8.3.44	8.3053	8.0322
	Konthand-butand-top	5.6359	5:5649	5.5233
	Lettanol-butanol-box		4.9195	4.8689
	, a	√. g = 0		
			100 M	
			1	
			and the second	



	Page No.:	
	Date:	1
		YOUNA
		M
Minimum Bellyn ration & moderate	January 1. 1)	1
	2411251118	1
Dy Underwood egm.	3/2107	
		\
2 ( oc. Zi, f) ( nic ] = 101 9 - 11		
2 ( 2)		
2 di, g - 0		
Loa (cons)		\
SuidinZint Juiz deslit Rominson dans		\
motion of interest of the state	= 078	
mole finition of heary (he or siponerie as hacken	= 358	
De vote Saturales de lique se que ilator suitable la mairir e	h was h	_
	(b)(1.) (c)	_
Substitution 11		
- Substituting values,		
- 19:8441X0.639 5:649,X 10.222	CLOX P. DO	_
9.8447-0 5.649-0	1-0	_0
P-550 01 = 0110		
This do 1		
This gives $\theta = 1.14$ or 6.365		
•	(	10
0=1.14 gives Romin as regarise	1	27
120-1 0100		- 17
0=6.36 given (1.020 120-16)	= 11.	
1+ Rain = aarman	,	74
1+ Rmin = 9.8447 x 0.21 5.649 x 0.2		10/23
	9 + 0.005	XI
19.8447 = 1.14/M 6005-649 - 1.	14 1-1	1.14,
Rmin = 0.12		
		1
0 - 6 36	1 = 1	1
0 = 6.36 gives		1
	1 50	1
Rmin = - ve	-	
		1
Rnin = 0.12		1