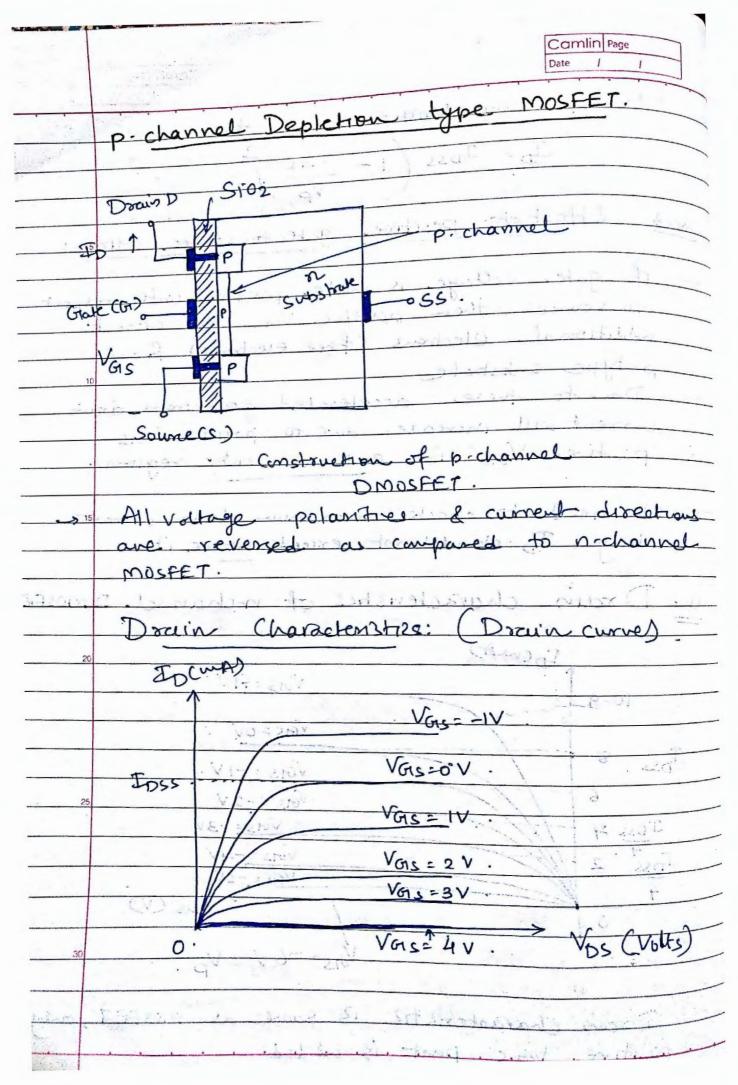
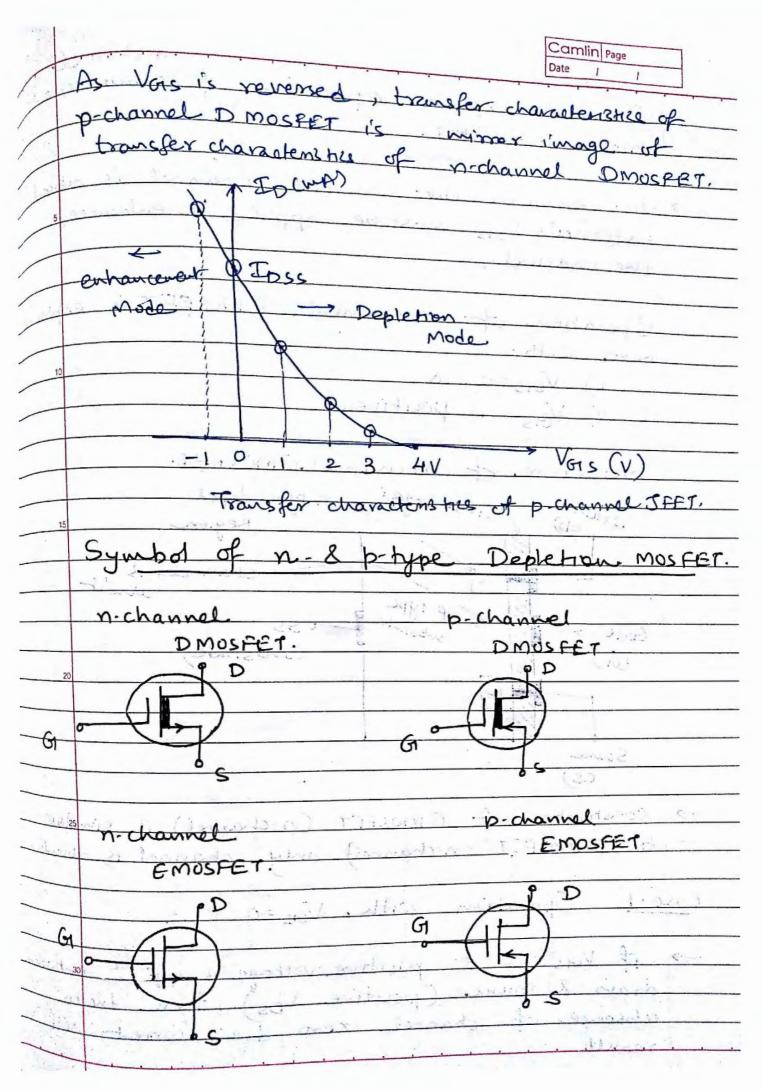


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	3		n-channel	
	7			
Q	Draw & explais o	perarion	Entimeter	
	mode MOSFET.		CHECKET STORY	
22.5	Light to be a selected to the selection of the selection	2:12:21: 20d 2 75	Janes C.	
	In enhancement mosfet channel is obsent.			
	external Vois must be applied to enhance			
	the channel.	1/1		
	Operation of n-channel EmosFET is explaine			
	here with			
	1) VG15=0. 8	1		
1				
	D) VGIS = is positive	•		
		T T		
	Structure of nicha	invel EMOSFET.		
1	Drains (S102 layer	n-type doped		
15	Drainco) Sion	Region	,	
-1:1:	20 . 1015	1 1 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	1-4-3	
	n	channel	L-13-	
	p-type	170	000	
	Grate o substrate	055	· / · · · · · · · · · · · · · · · · · ·	
	(a)	Csub shale)		
- 20	n	/ /		
		1		
		11.		
	Source CS)			
→ ₂₅	construction of Emost	ET Co-channel	1 2 21 1/20	
	construction of EMOSFET (n-channel) is similar to DMOSFET cn-channel only channel is absent			
		ory chai	mel is absent	
Cas				
	e. 1 Operation with	Vas =0		
		A.1.	1 10	
->	of Vais = 0. 8 positive voltage is applied between			
-	0001	TW // W		
	absence of channel	7000	en due to	
	result.	drawn.	current will	
	resur			

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·	Case:II Operation when Vois is positive:
	Due to positive Vois, holes in p-type substrate
	repel in the substrate demonstrate and minority
5	carriers in substrater, attracted towards
	positive gate terminal & gather near the
	surface of S102.
Time of	Exit the west summer as a management of
	Due to applied voltage depletion region created
10	at prejunction.
->	As Vois 1, electrons gathering near SiD2
j	layer will increase, electron concentrational
	SiOz layer increases so, it creates an
	induced nchannel.
-36	Then draws current starts flowing through
ji	induced channel.
->	Value of Vois at which this conduction
	(of current) begins is called the Threshold
	voltage, and i't is indicated by Vr.
20	Vyn -> for orchannel Emosfet.
	5102
	3
-	
25	G O OS
	+ P SS
Y	G15 T
12.5	- Surface S. John Charles on F. Land And Shape S.
30	Pol-Maria dou Company and the Company of the Compan
YIACI NA A	the distriction of the state of disposition of
	The state of the s
Charles of the	

