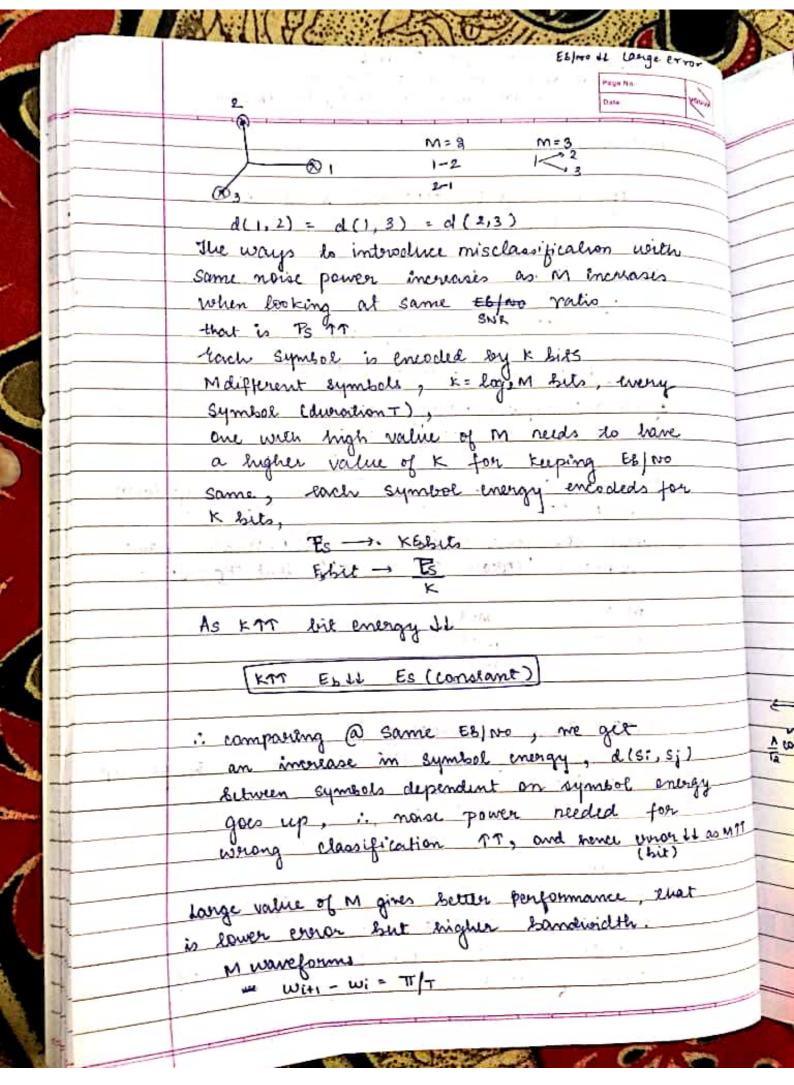
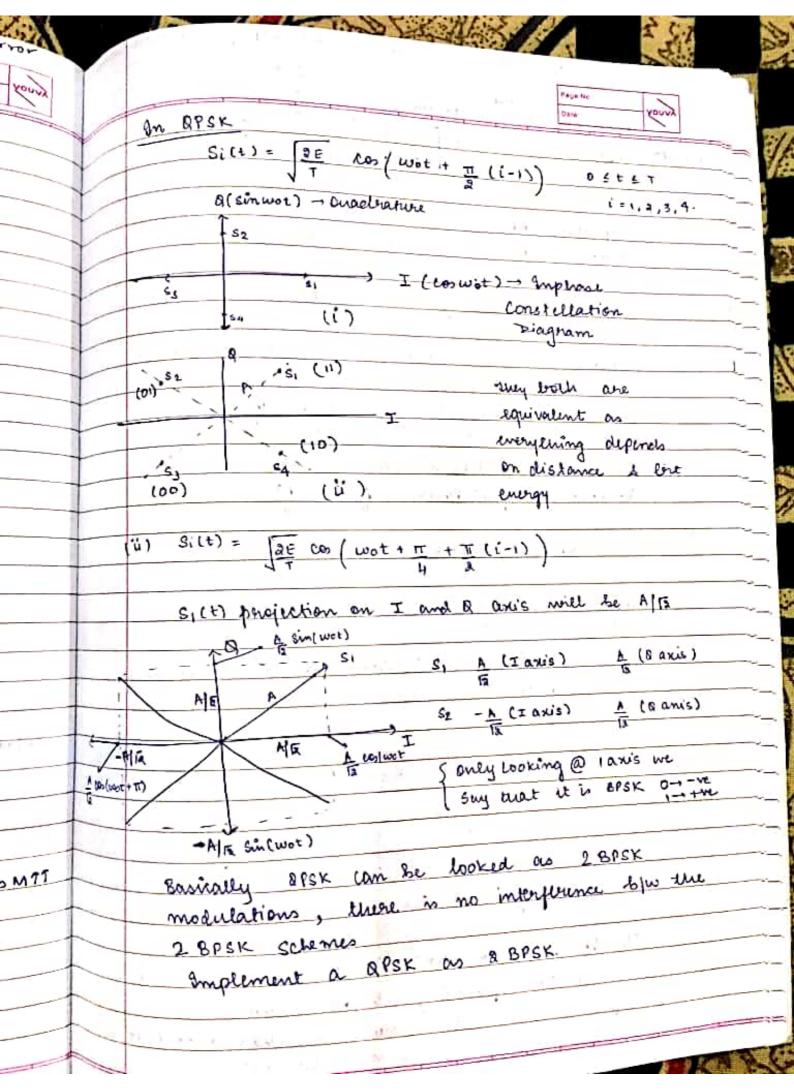
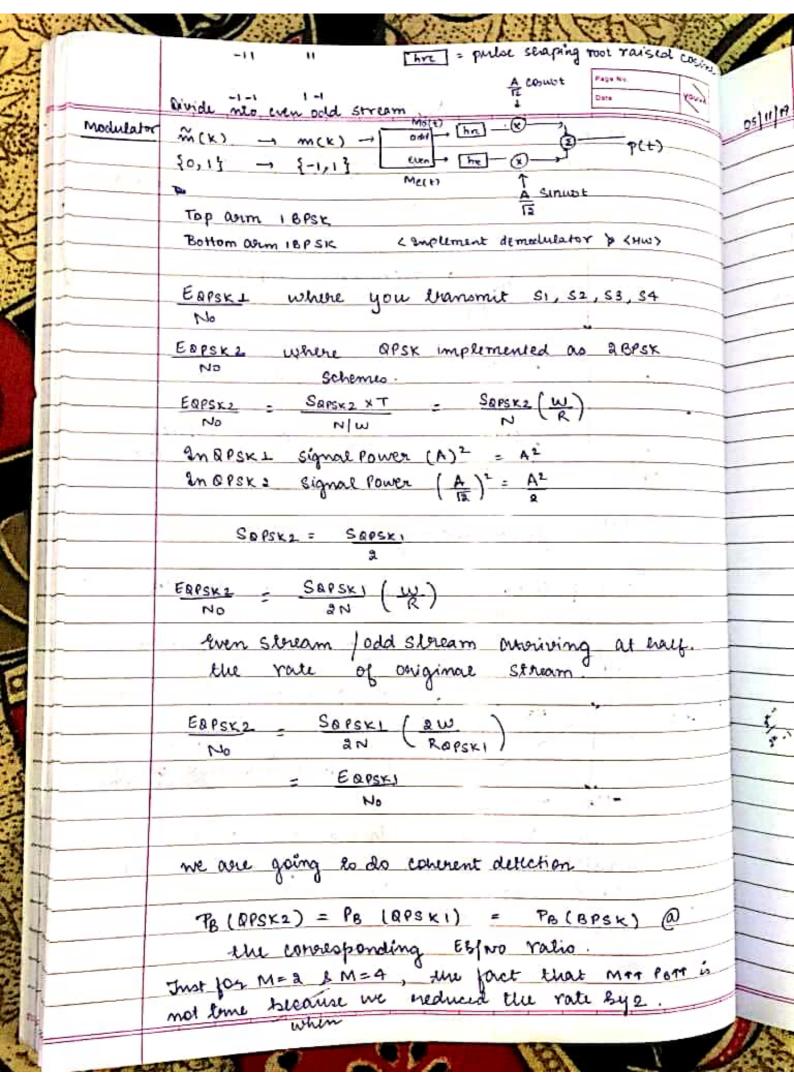
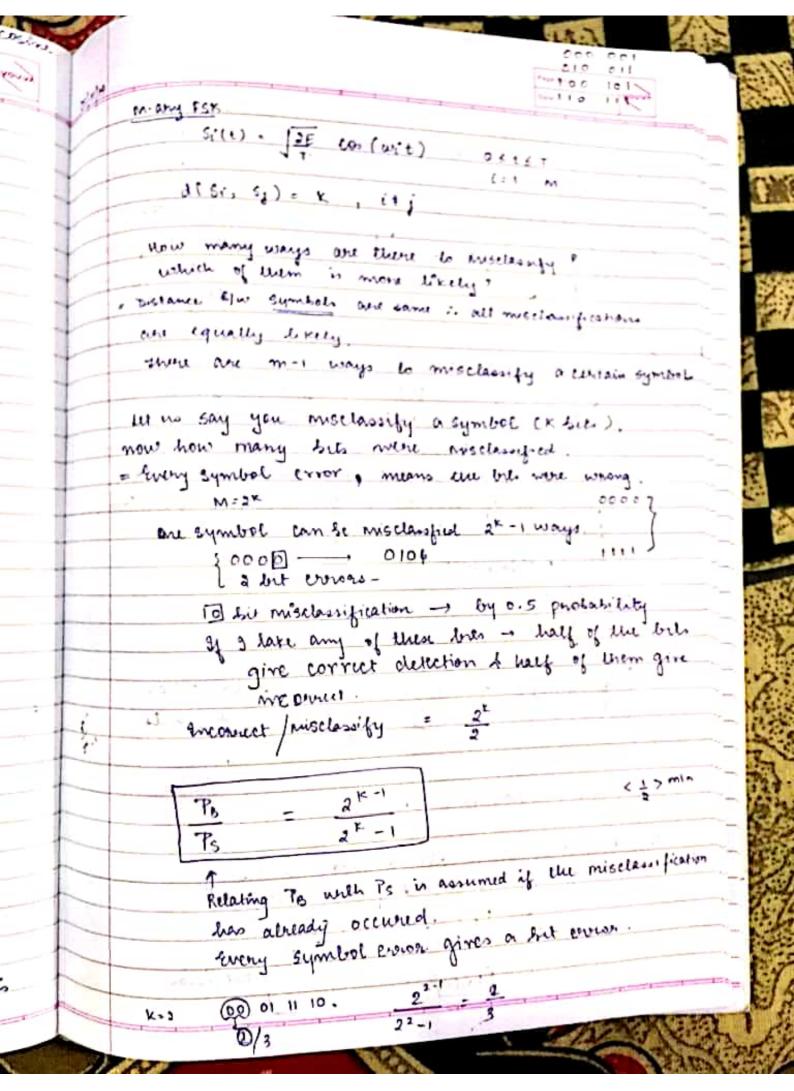


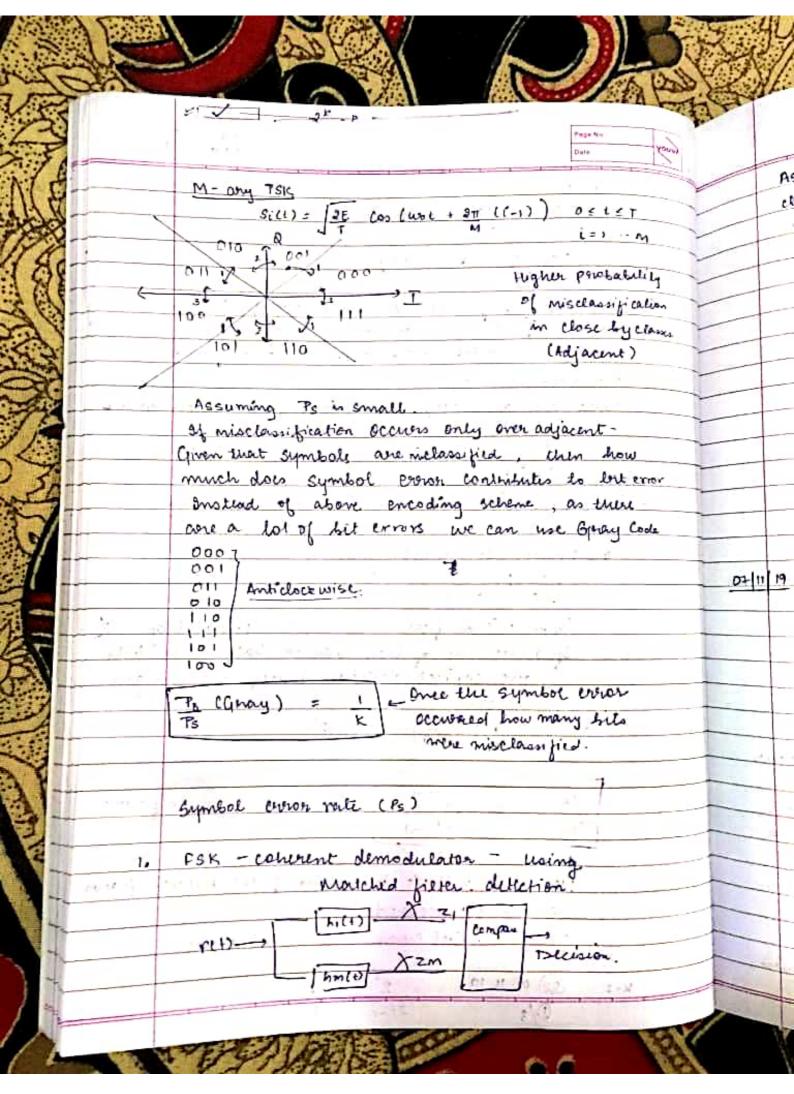
1	THE A
	of distance blu signals of PBI
Sarati.	M increases in OFSK 2001thogonal
and a	Mineriasis in OFSK 2001thogonal muit vectors distance is always 12 Po same. your
	thought 2 follows
	M-May OFSK
	PB is majorey dependent
	PB is majorey dependent on the distance boy the signal nectors.
	Claim: AS MTT PEU Why?
-	As MIT the bit energy goes down.
	Pit energy = Gymbol energy bits
	the same and the s
	of me wie comparing & different M. we should compare
	Same Es, then To will go down.
y)	[comparing Sympole P.
licular	Comparing Symbol-energy Psymbol everon godown
	min noise power to course everon still remains some.
b -	Symbol topace 17 as MIT but (Pg) de
T	
own	M: 8 M: 4
	1-2
	2-1-13
it is some	1-44
54 11	19:
	MTT PO IL Game ES (NO)
_	As m goes up symbol error probability gos up.
_	MAT PST
	d(si, si)= k i+j
	the amount of noise to be added in same
	the amount of noise to be with
	ton misclessification.
	As MM there are more no of classes,
	Alle d a classes & bame.
	The same moise vector can misclassify
2	The same moise vector
	even of m is increased.

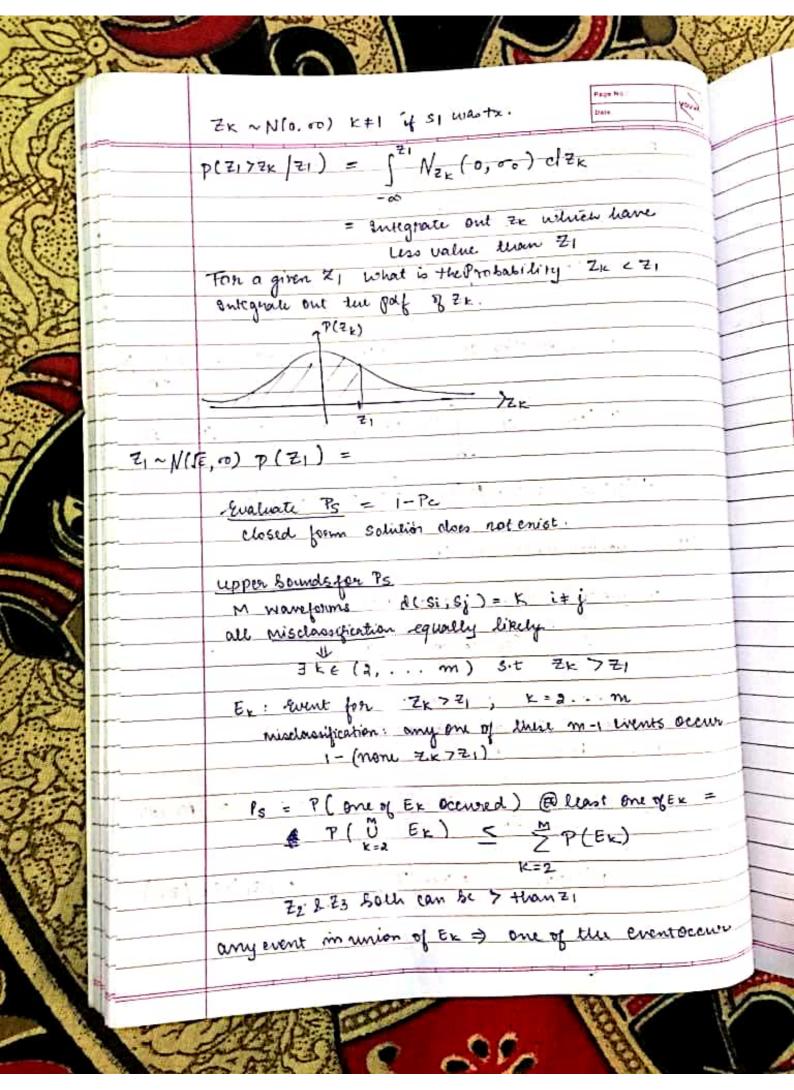


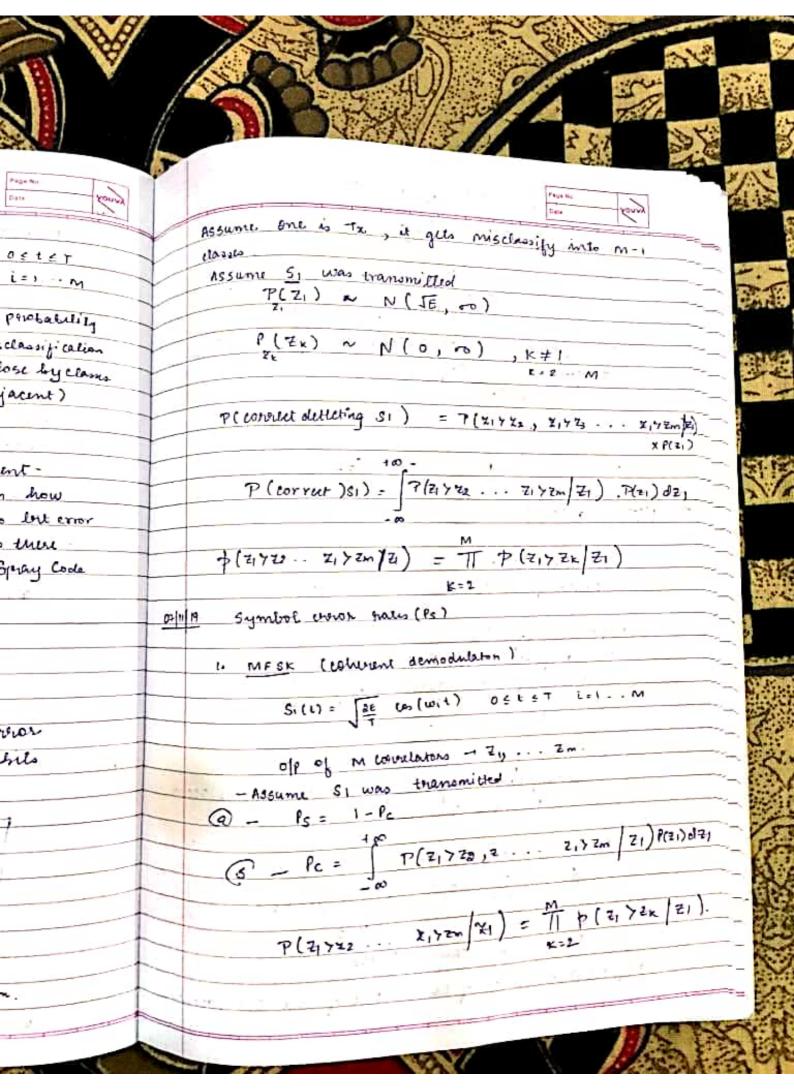


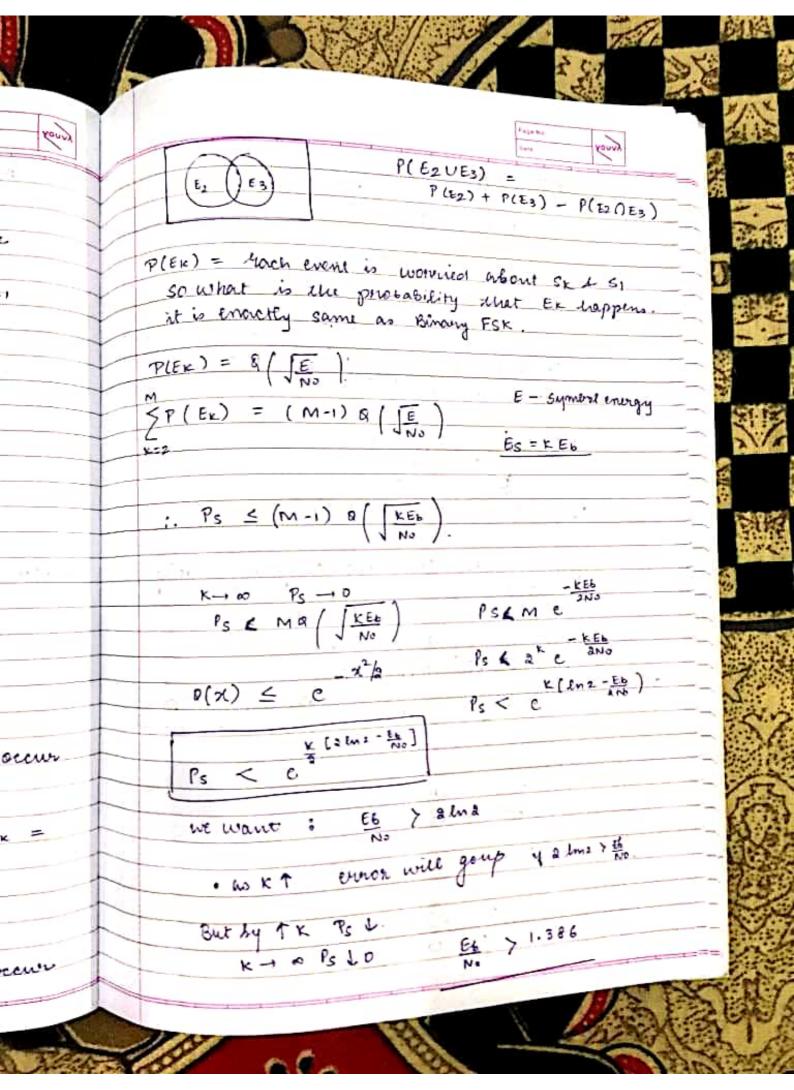


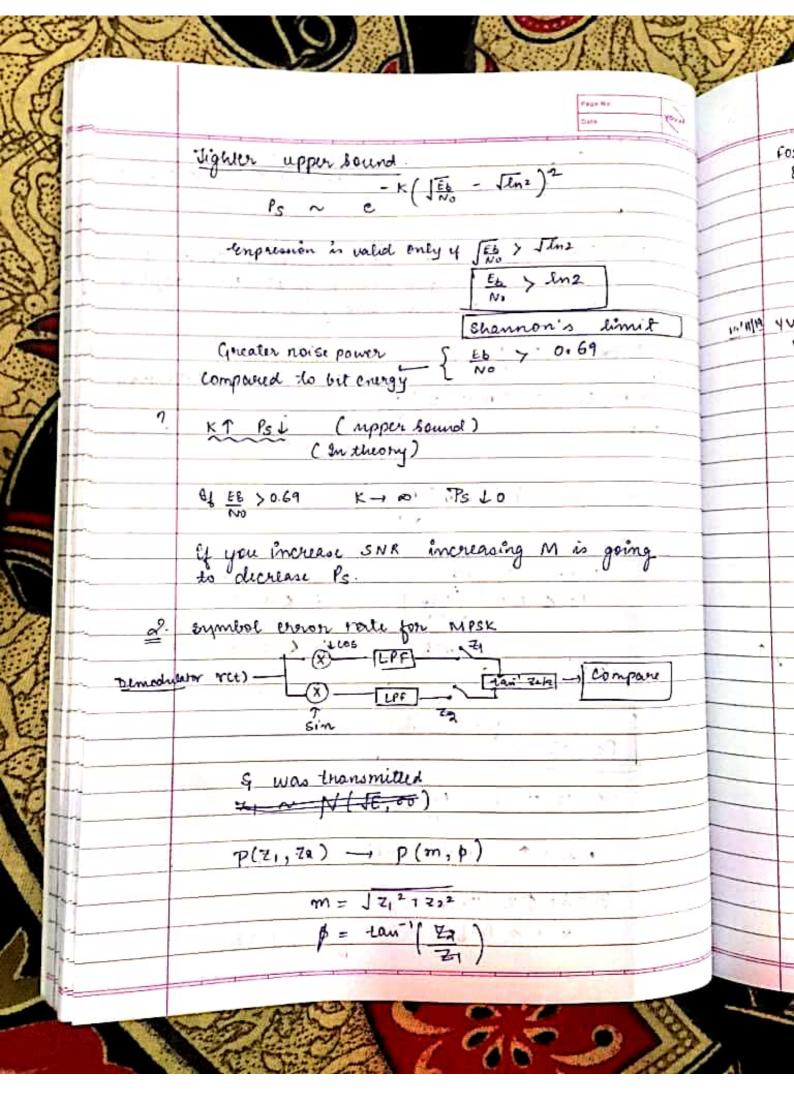




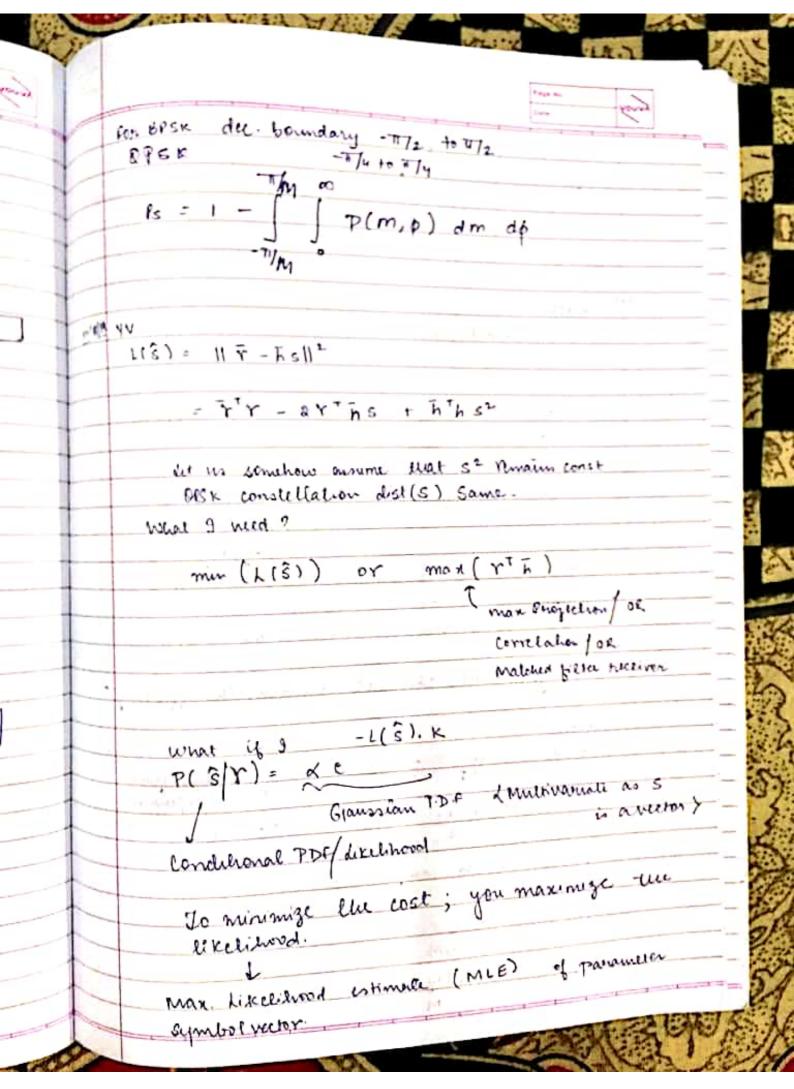


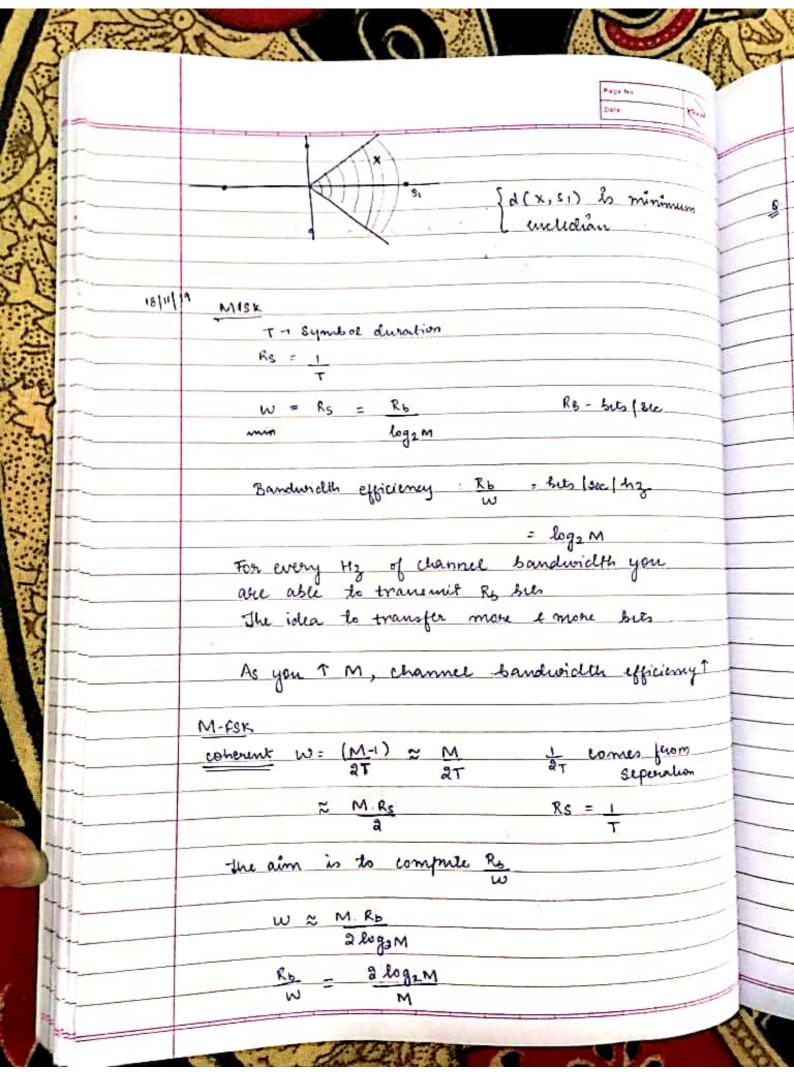


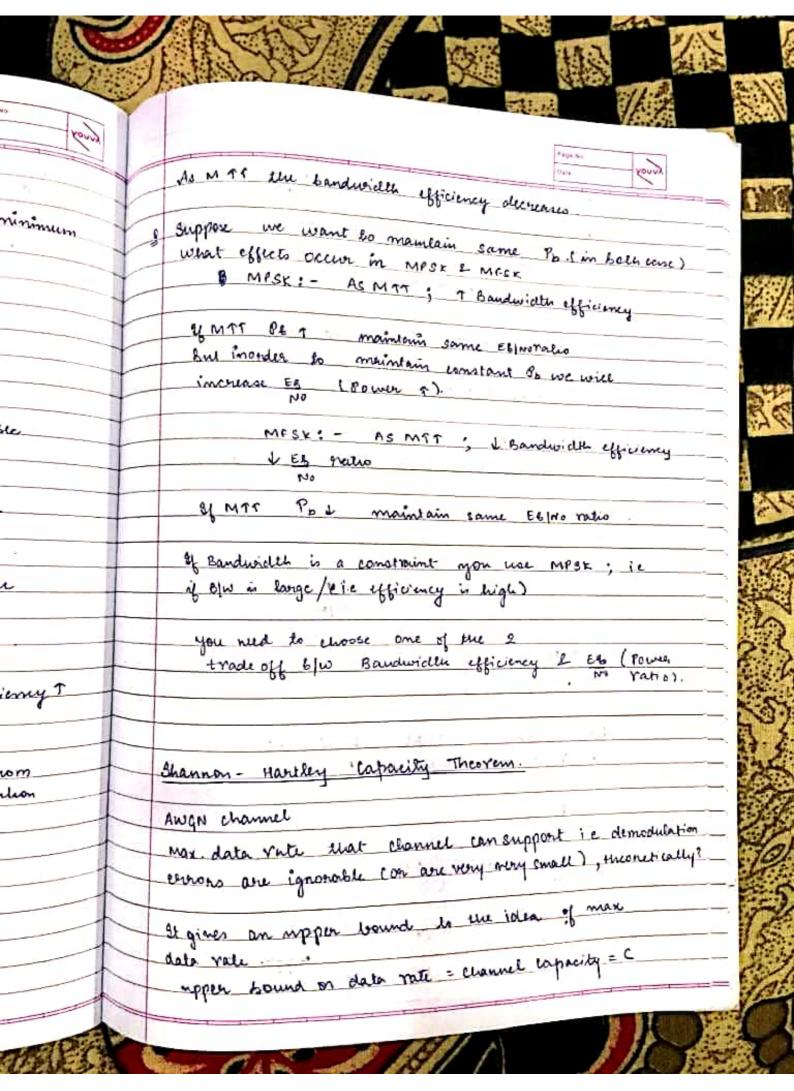


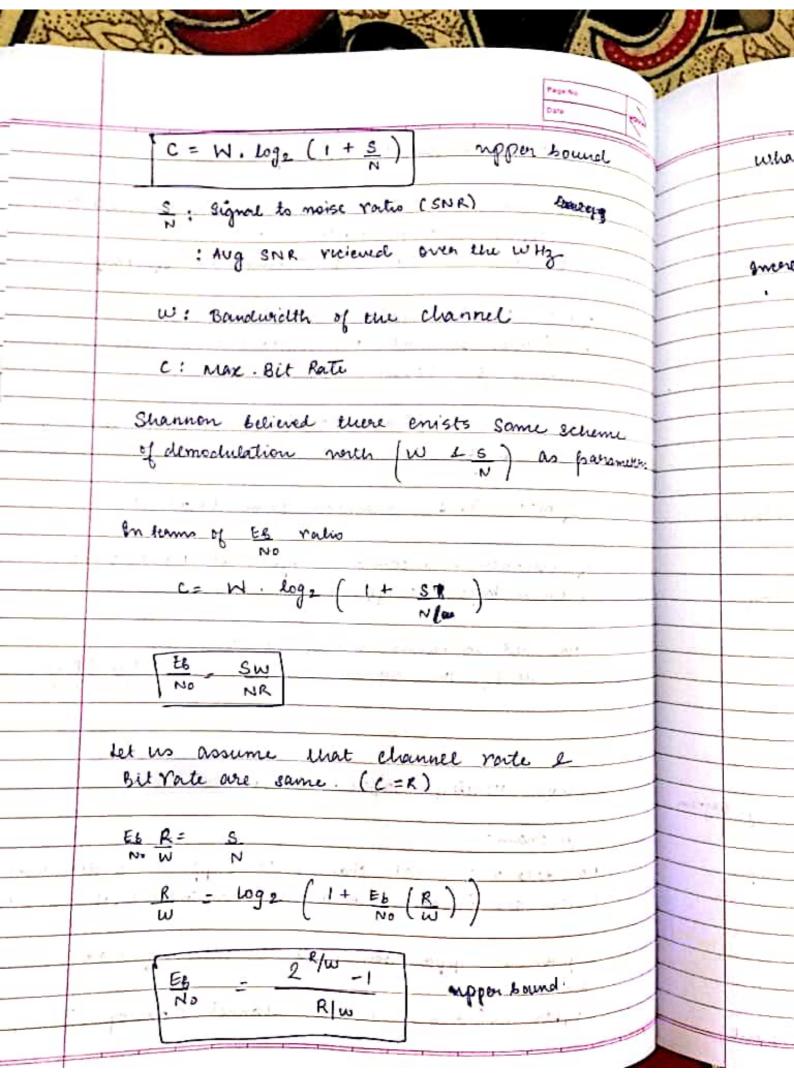


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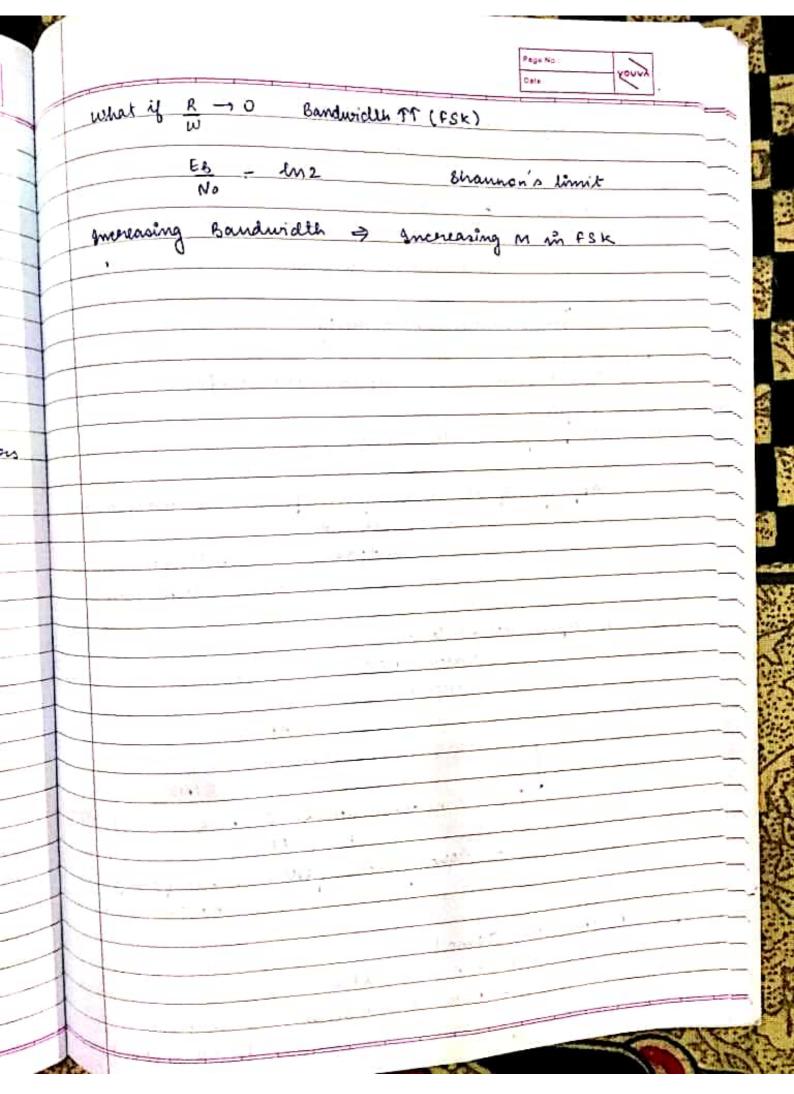




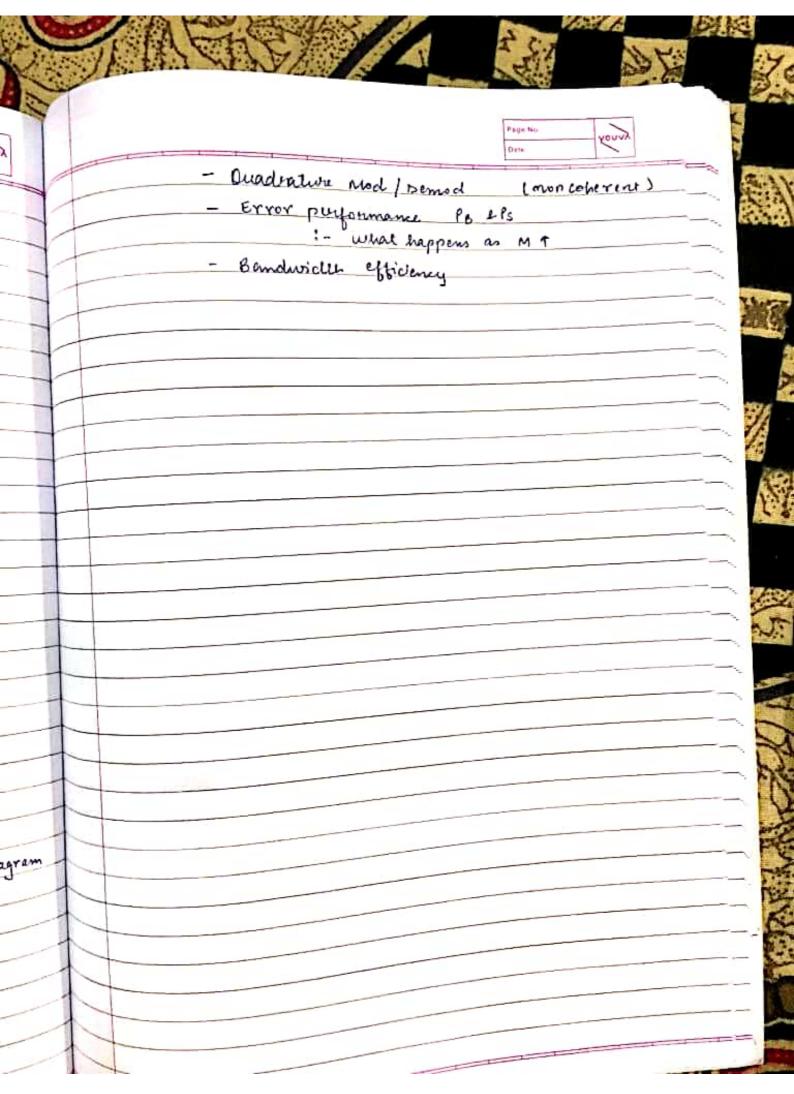


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	Sate You
Semest	er zuap
	Analog = Infime symbols
*	Digital - jimes symbols
	9
(4)	Stochastic processes
	- Generating noise
	- random bues generation
-	
	Stationarity rego dicity
(c)	Ouantization : miljorm / won-uniform
	og To migital
(4)	Sampling; unti-aliasing fitter
(e)	Mapping Digital to woodeg waveforms is modulation
	- Baschand
	- Bandpass :- Antenna :- Multiplexing
	:- multiplexing
	,
(4)	Bandfitss demodulation
	- Matched Filter (Maximize SNR)
	- Description : - MLE
	:- MAP
	- Performance consterna B
-	E6/No
	959 : nyquist Ambe Shaping & cyclogram
	-RC, RRC
	- Equalization feters; Hero forcing
	MMSE
(9)	baudpass Mad Demod
	- PSK, FSK, ASK, APK
	- PSK (FSX demodulation :- contenent
	- non convent
×	- DPSK



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