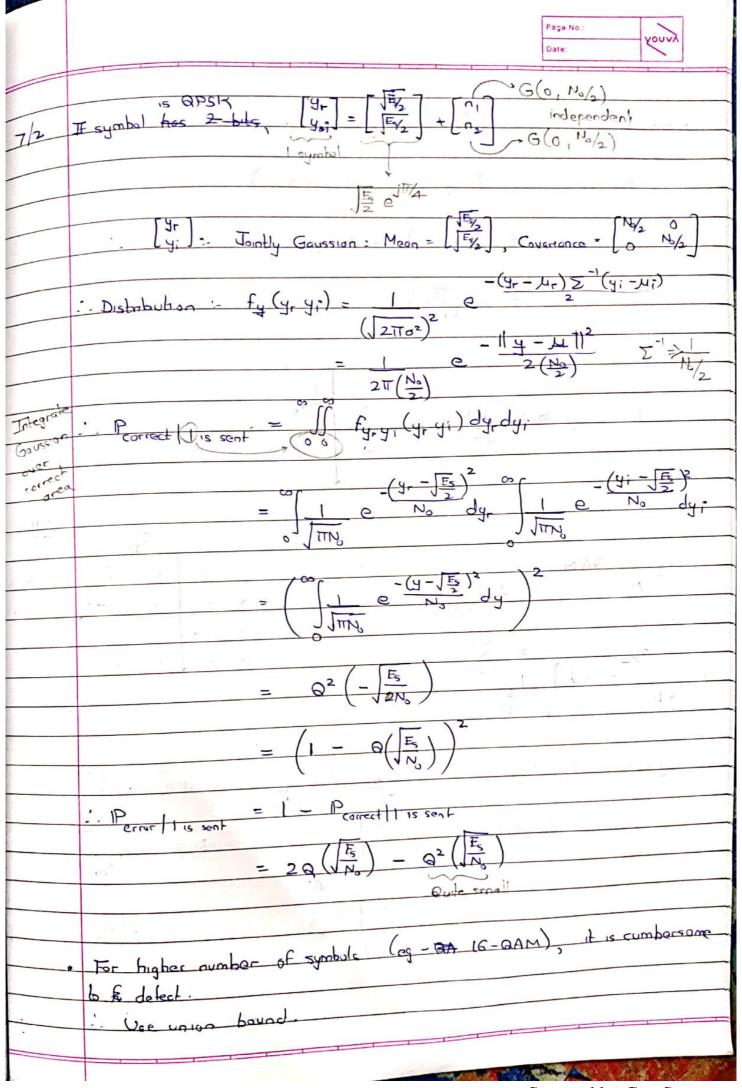
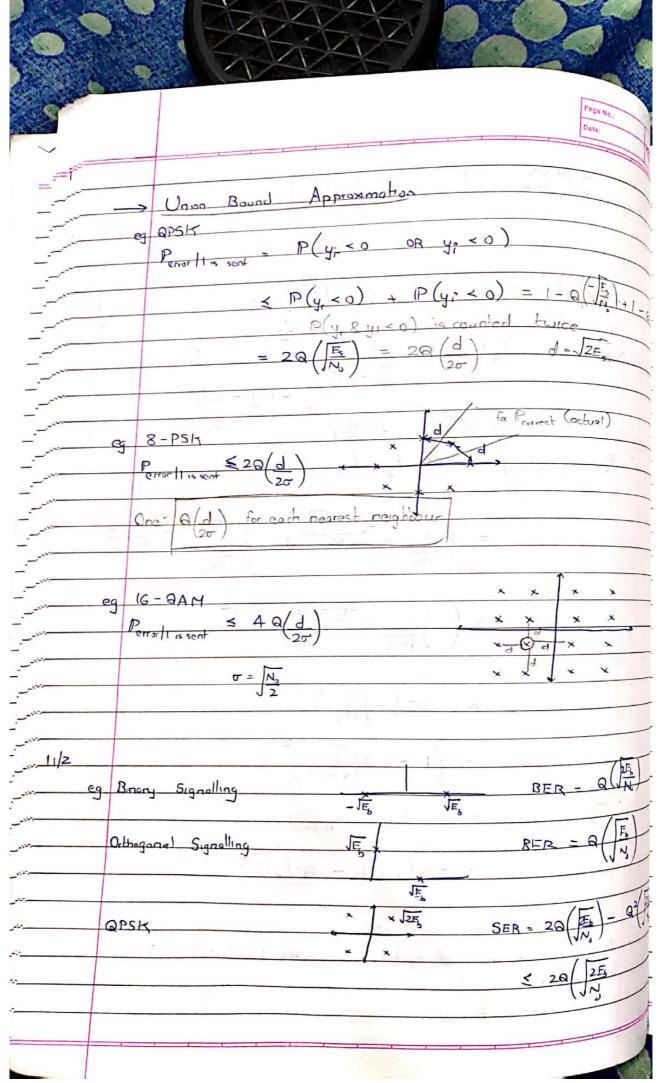
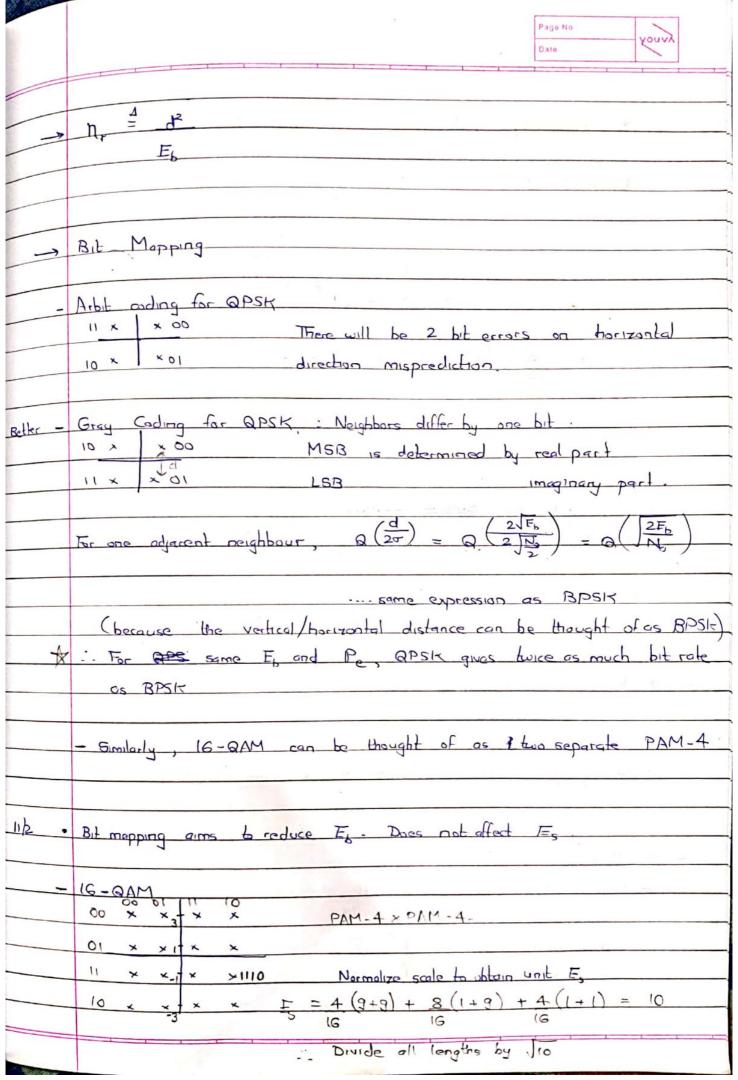


The state of the s	
~	Date Date
and the party of t	* Binary Signaling .
- amount of the second	$0-s$ 語 $H_1 \equiv y(t) = s_1 + n(t)$
	$1 - s_2$ $H_3 = y(1) = s_3 + n(1)$
· · · · · · · · · · · · · · · · · · ·	13 = 9(1) = 5, + 11(1)
. com. man	· F - 03 - 03
- market	$F_{b} = S_{1}^{2} + S_{2}^{2}$
· · · · · · · · · · · · · · · · · · ·	
· manufact	- Document - H,
·	$\langle y, s, \rangle - s_1 ^2 \ge \langle y, s_2 \rangle - s_2 ^2$
, man a second	H. 2
, mr. a.v.	ic -> <y, -s,="" s,=""> > s 2 + - s 2</y,>
, marin	H ₂ 2
, market	
	- Mathemotical simplification
	Define $\tilde{g}(t) = y(t) - g(t)$
	$H = \tilde{c}(1) - c(1)$
	$H_1 = \tilde{g}(t) = s_1(t) - s_2(t) + s_2(t)$
- Trans	This is just like OOK
	Perror s is sent = $Q(s_1 - s_1) = P$
- Jan. 19	- To minimize this, maximize (5,-5)
	Under Es apostraint
	choose s, = VE
- Carlotte	S = -\F
	BPSK,
- Carlo	
	This is the best binary signaling under energy constraint
The state of the s	for equipmbable symbols
eg QP5K	
	512 +52 +52 +52 × ×
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