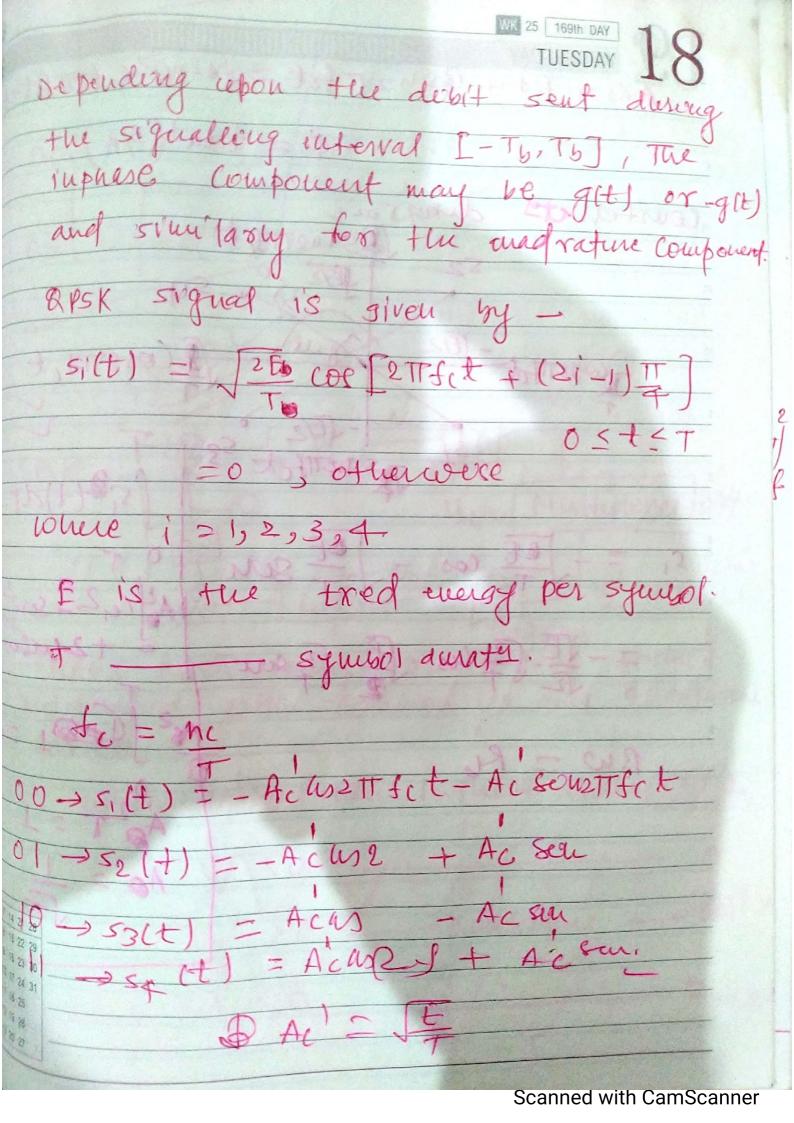
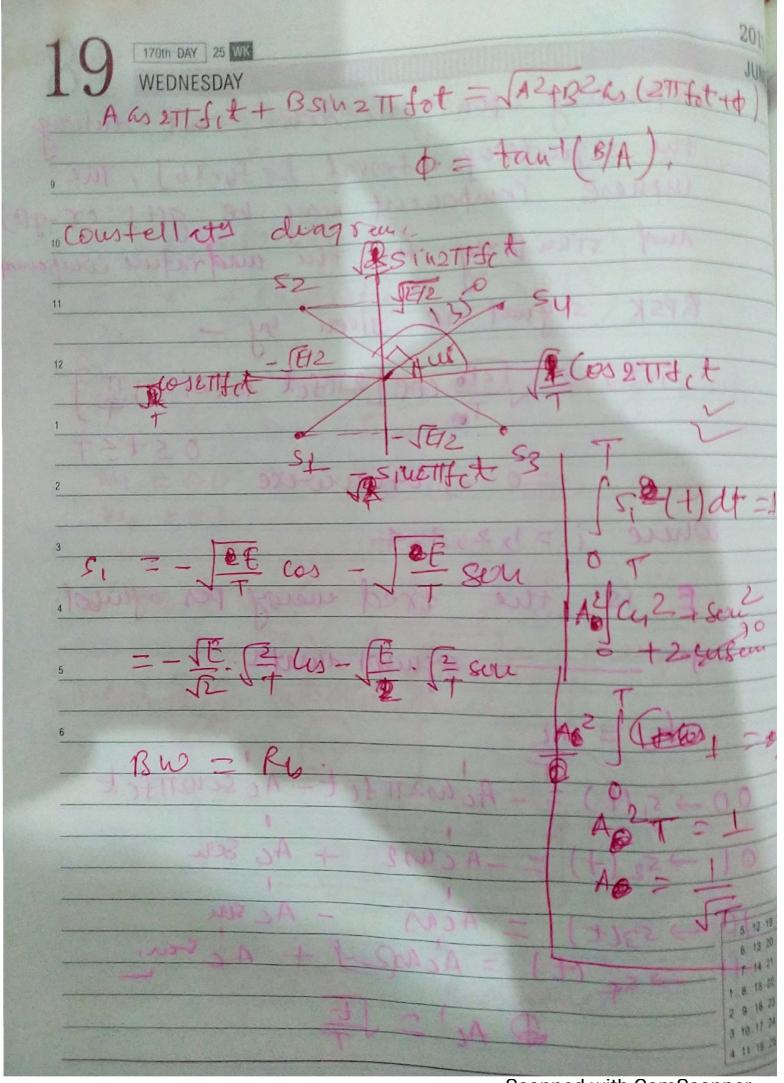
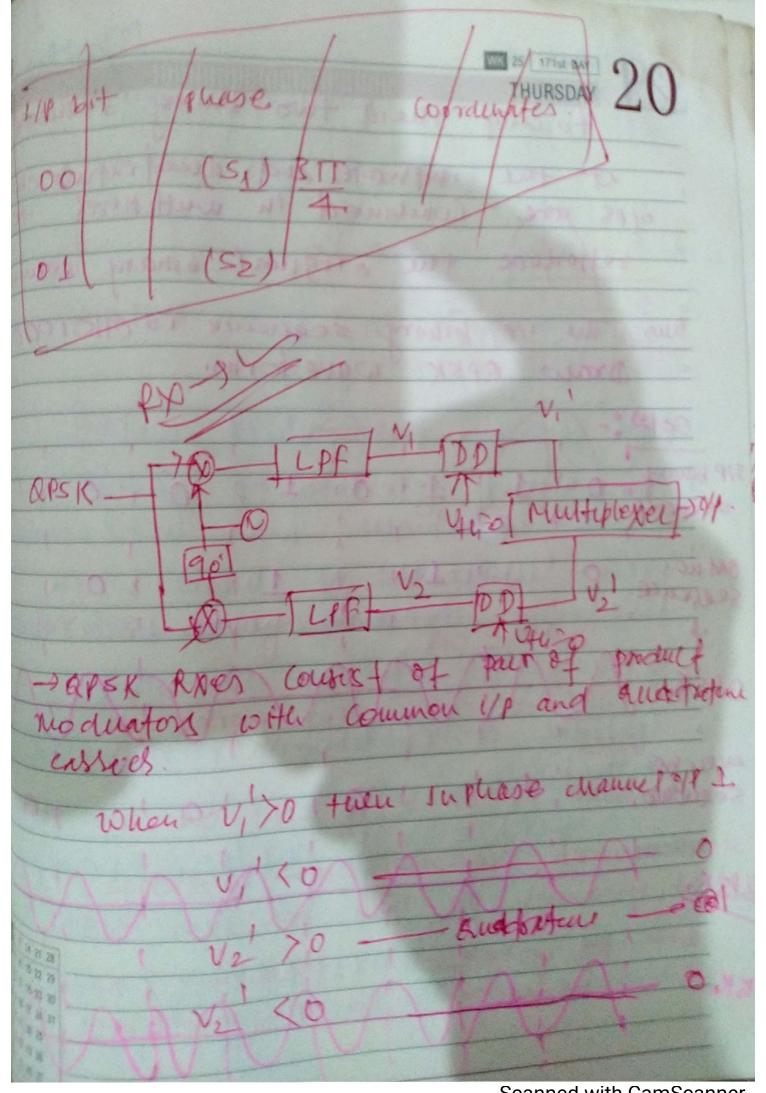


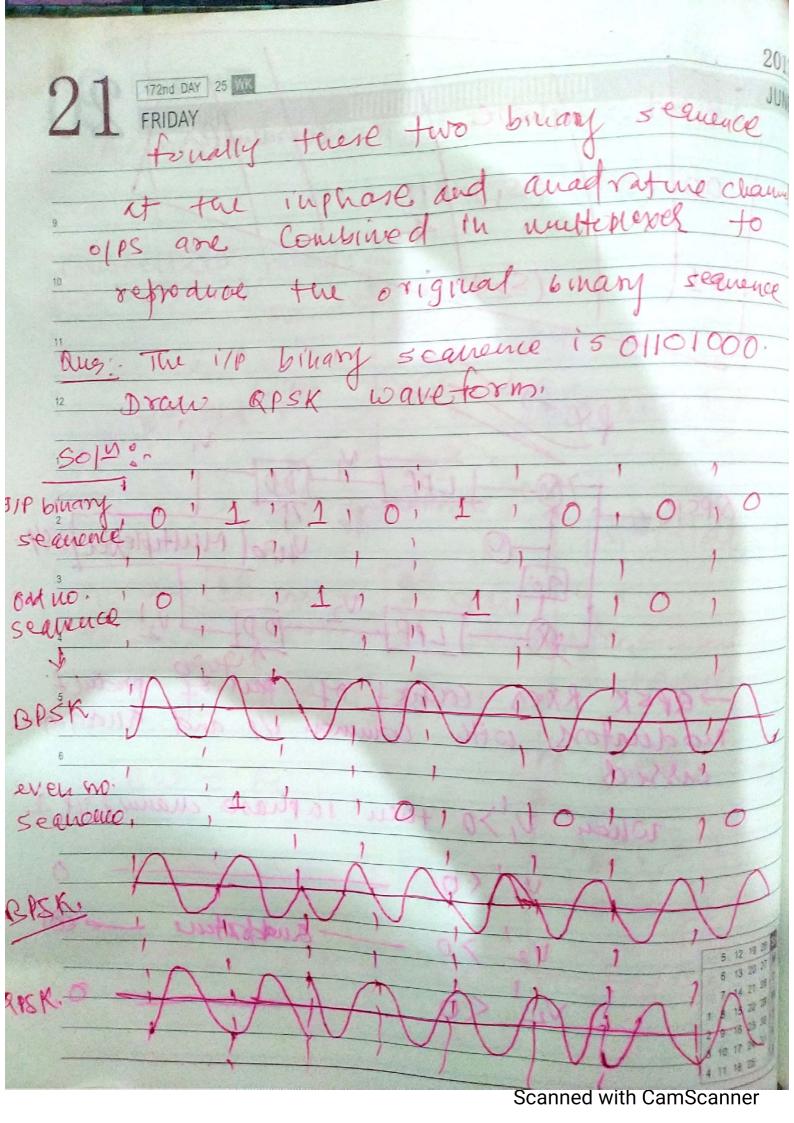
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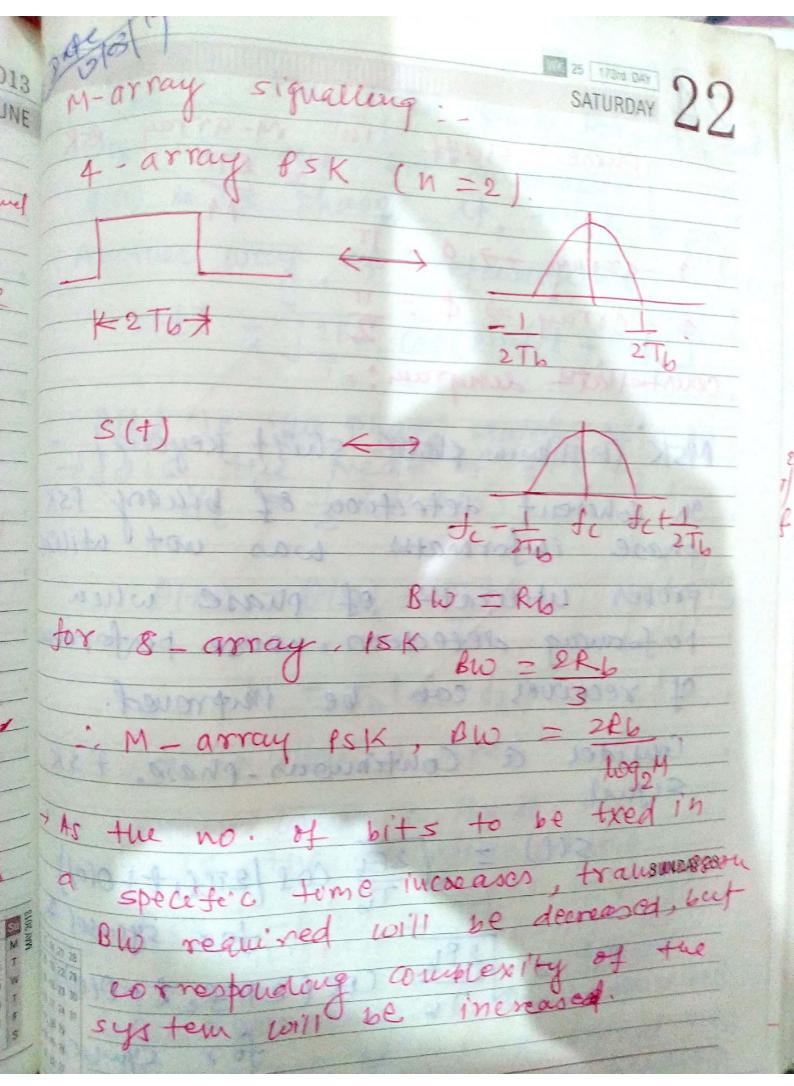




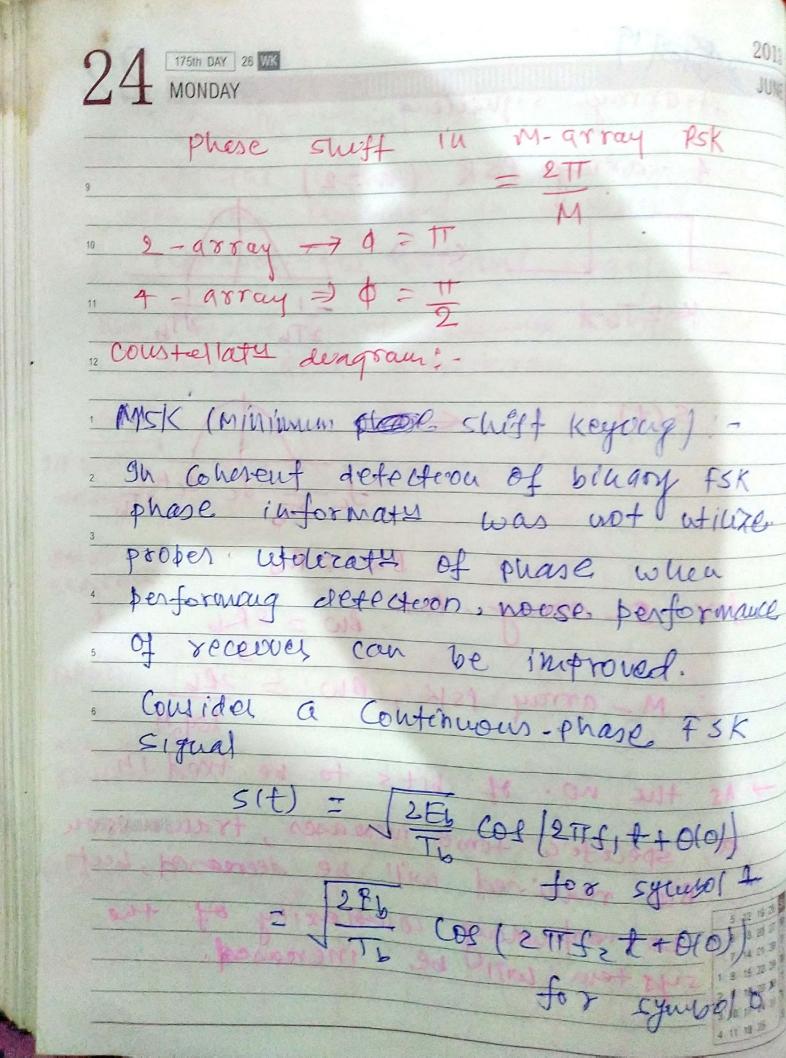


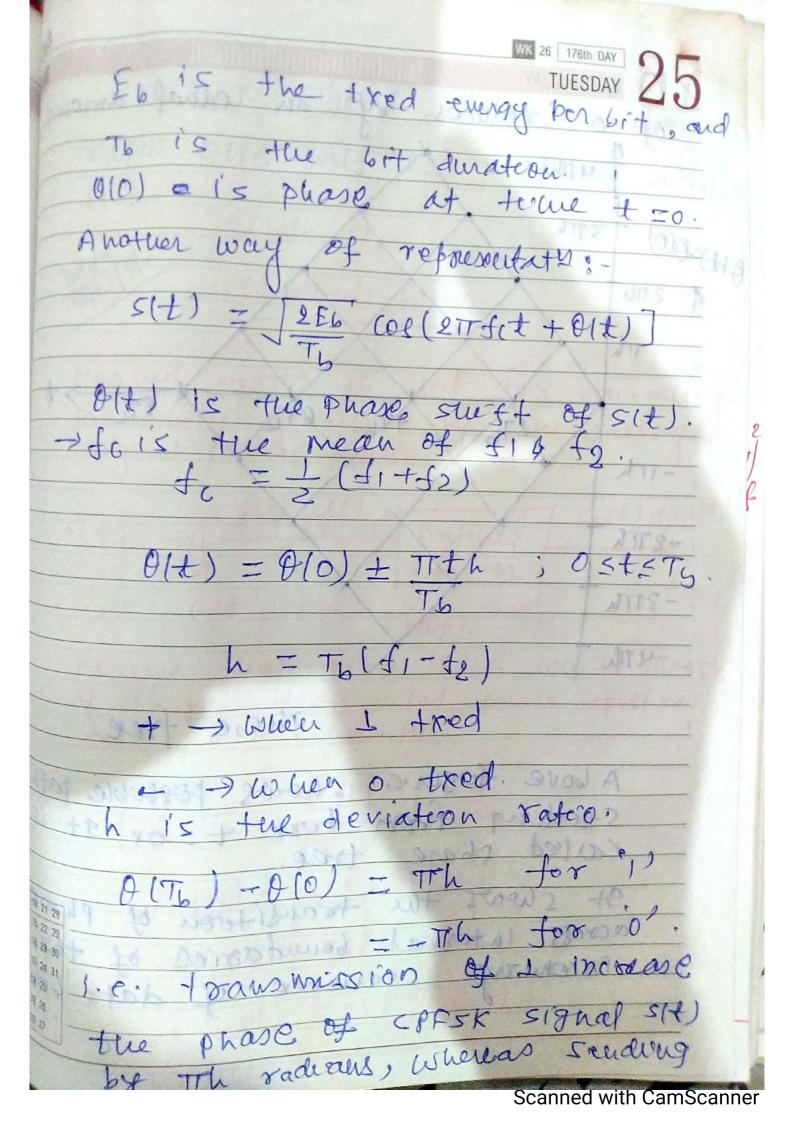
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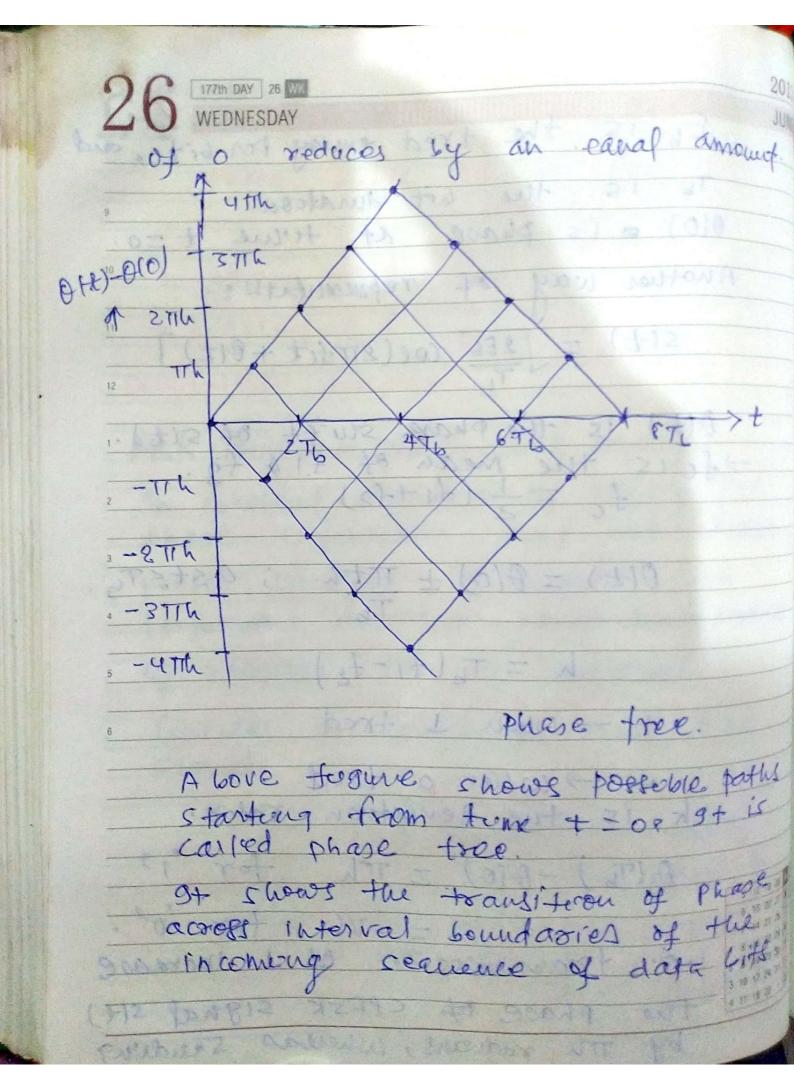


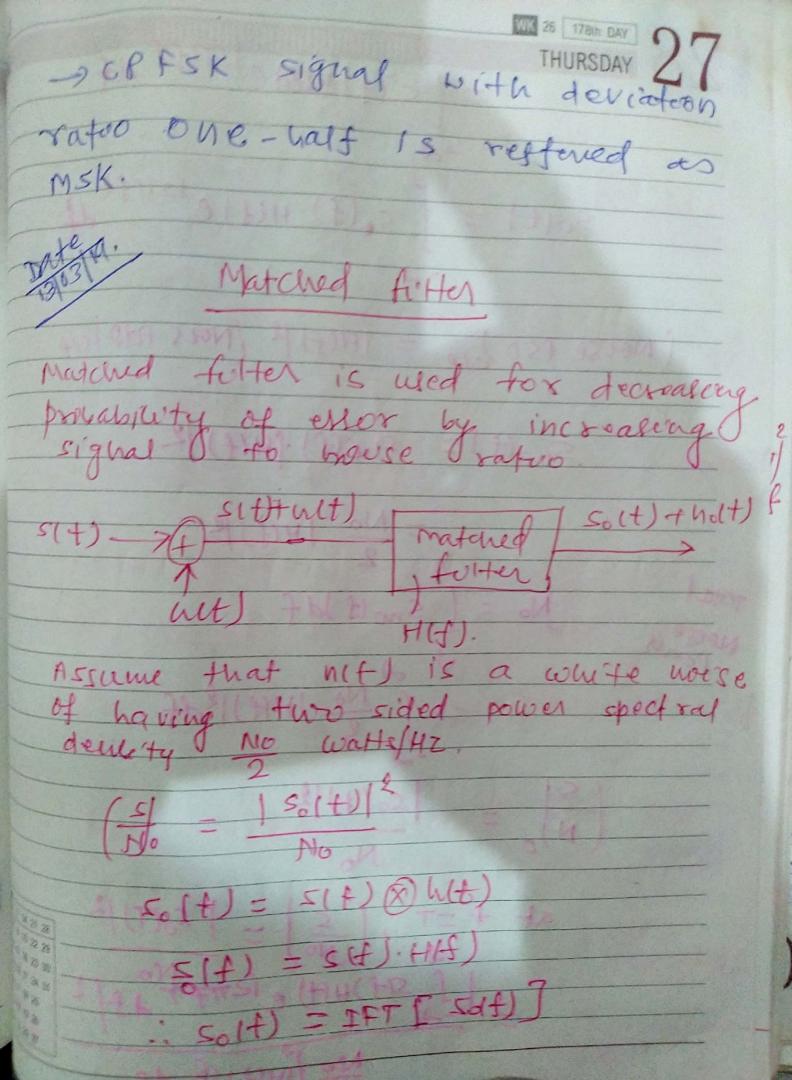


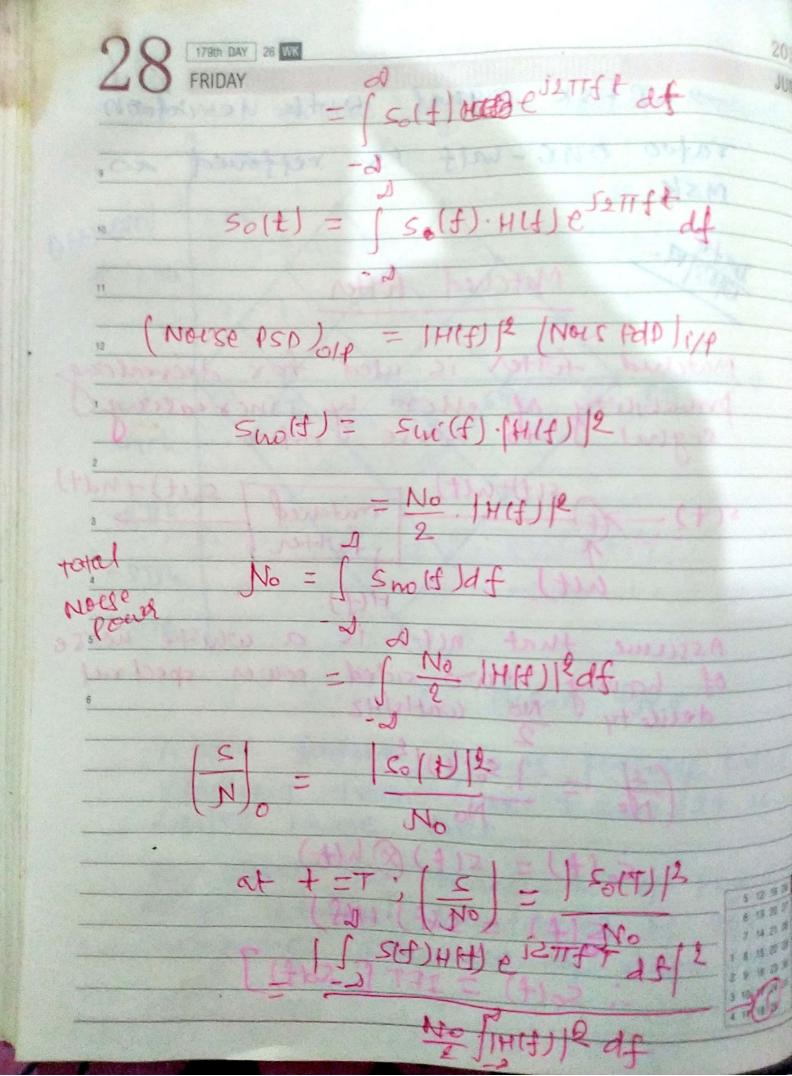
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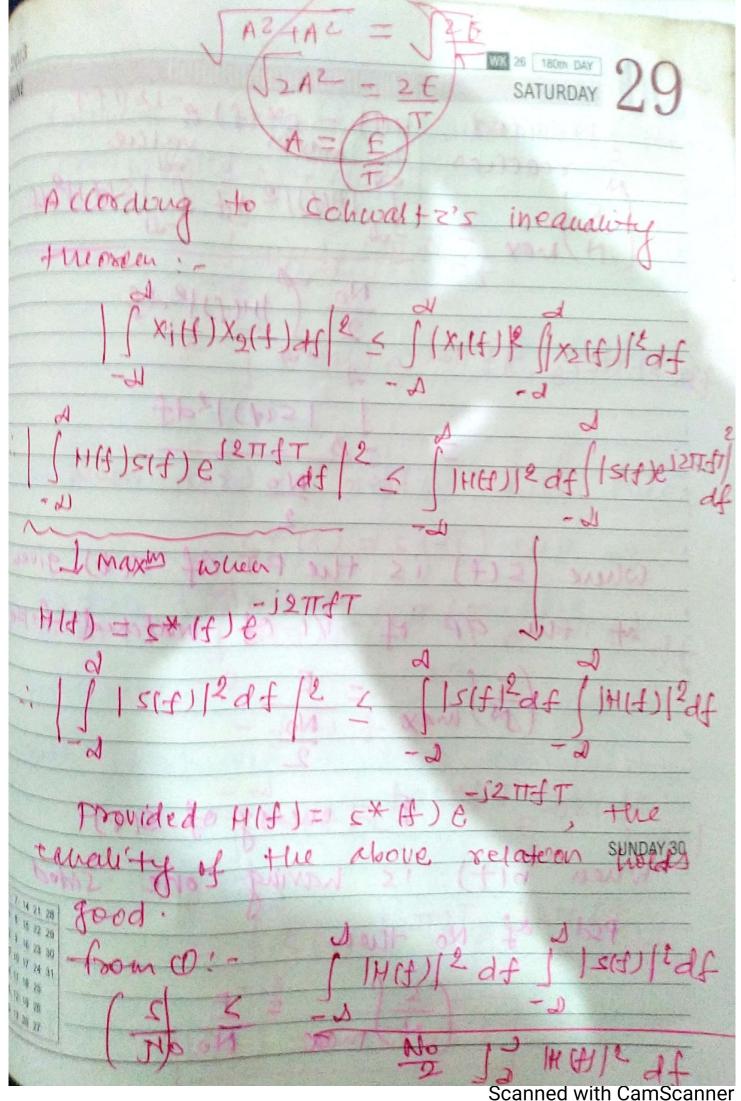


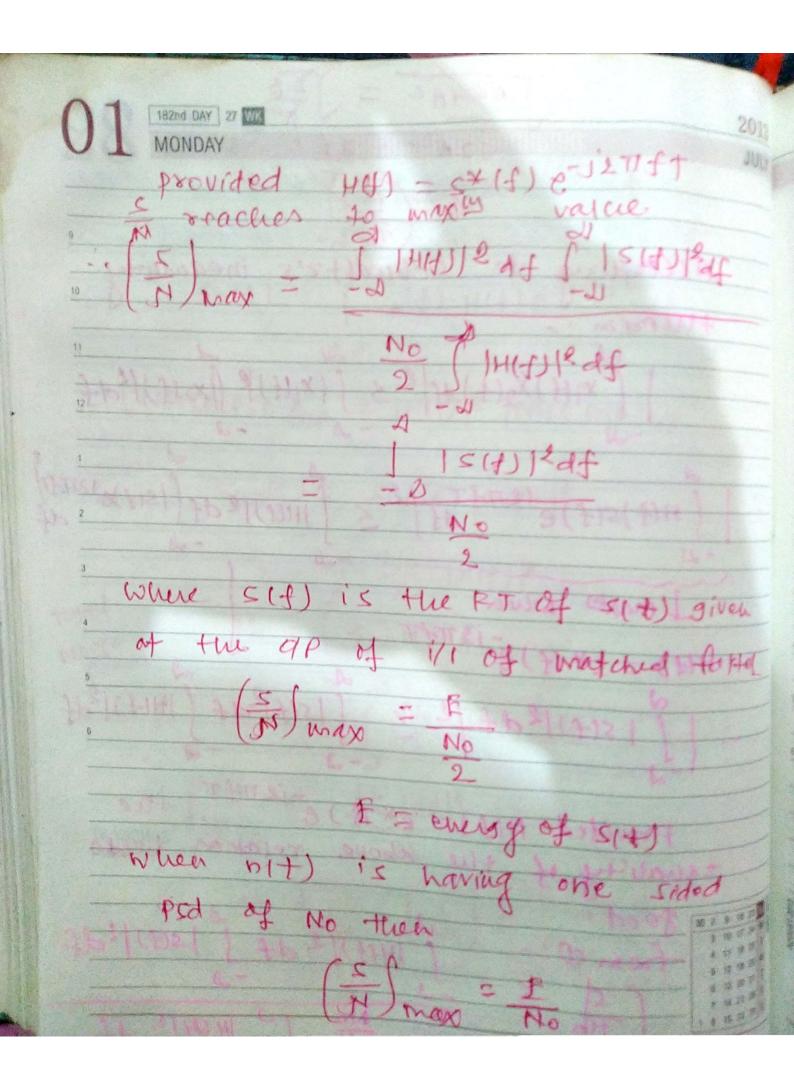


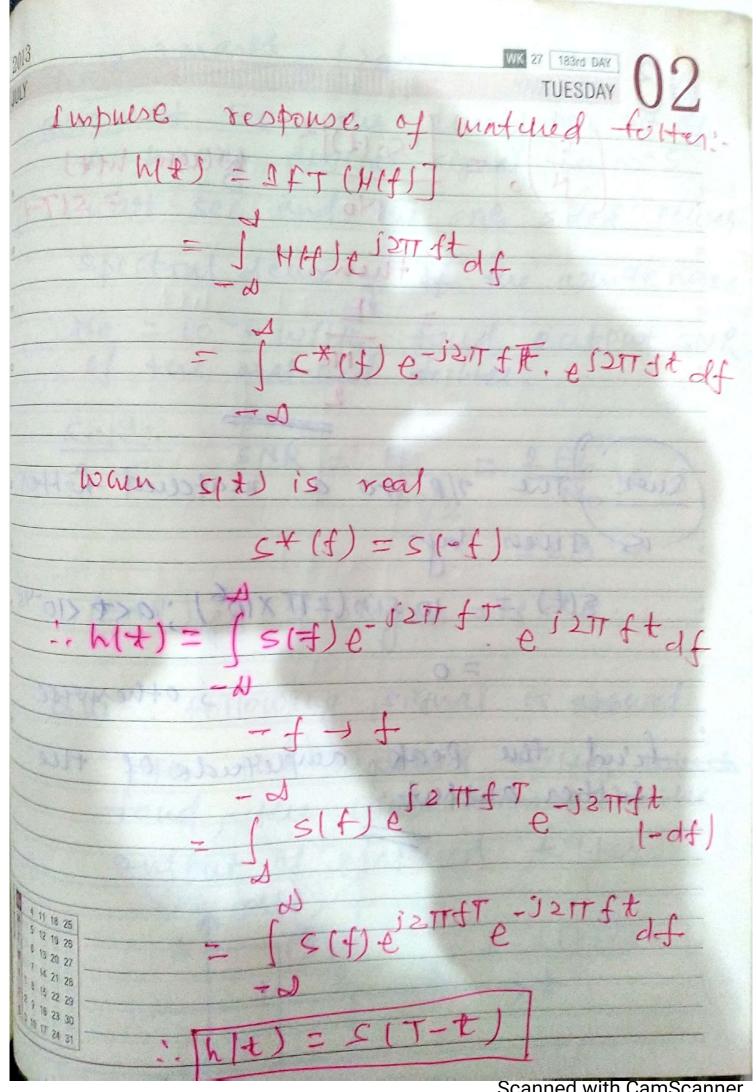


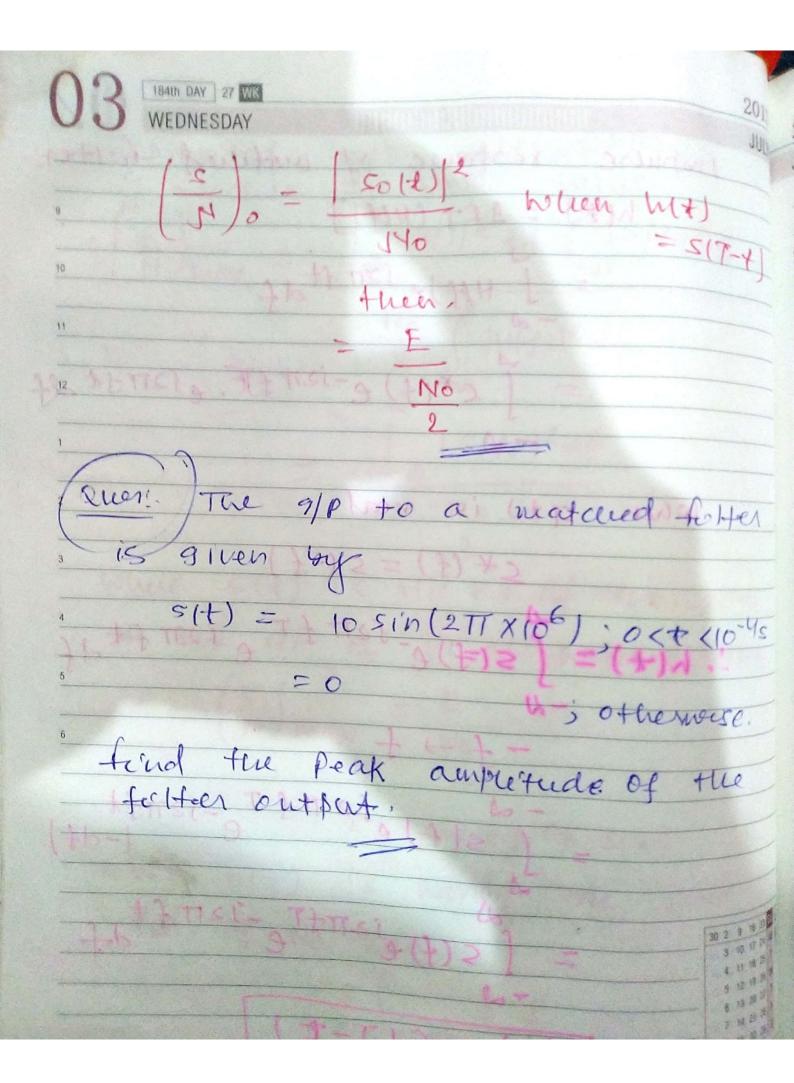


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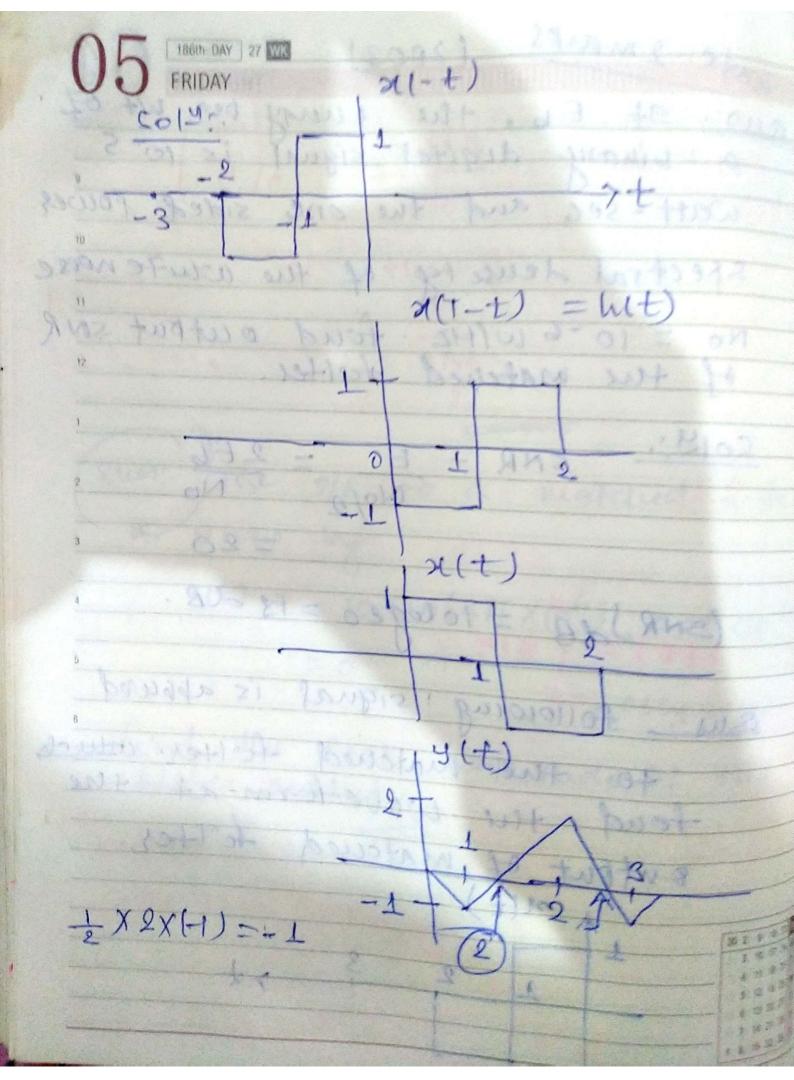








(2003). WY 27 185th DAY aus: 97 Eb, the energy per a binary dugital signal is 10-5 watt-sec and the one sided power spectral deusity of the white noise No = 10-6 W/HZ. foud output SNR of the wratered terter. 1.5105 SNR = 10 loge0 = 13 dB. following signal is appured the matched to Her which oud the wave-torm at the intput of mintered telles.



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Late- 2 mancs SATURDAY 06 Que. An analog Pulse sit) is tred over an AWGN channel. The kned signal is x(t) = s(t) +h(t) where net) is AWGN WITH PSO NO. The Road signal is passed through a forter with impulse response but). Let Es and En denotes the energy of the pulse, S(t) and fulter hit), respectively, when SNR is maximized found reported bette Es and En. conculate SNRmux SOLYO, when SNR is maximum. Mt) = s(T-+) -+)x = (1-+)x8+(1)x == shifteing does not change the energy. Fh = Fs SNRWAX = 2 ES SUNDAY 07

