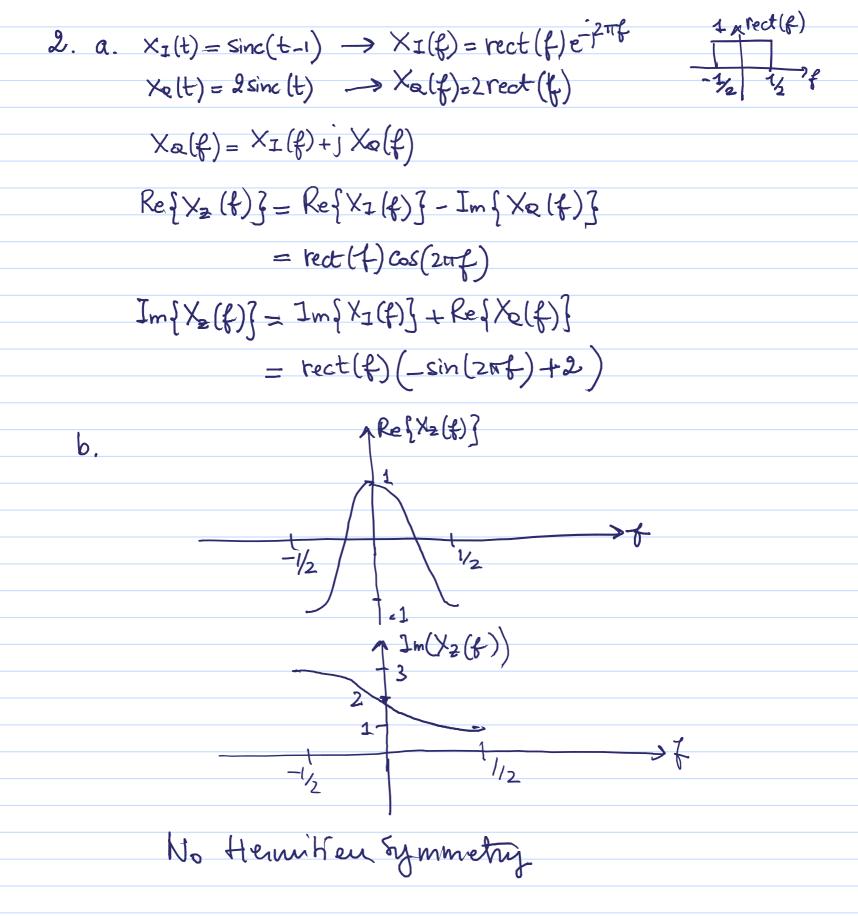
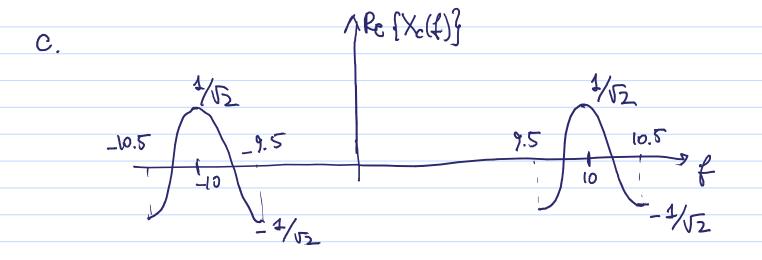
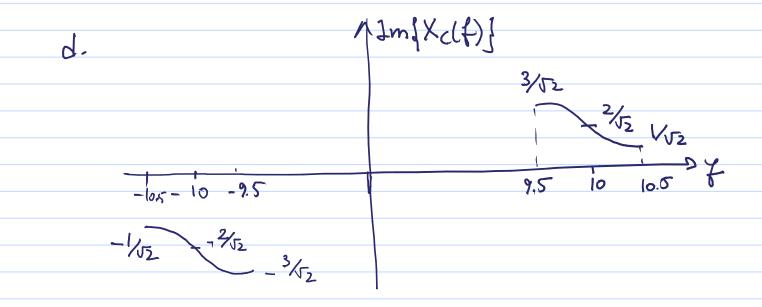
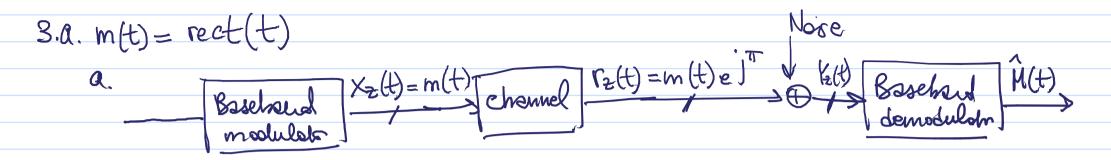
1.
$$s(t)$$
 acturgle of μ with hight and spanning $[-\sqrt{4}/4]$
 $x(t) = \sum_{n=-\infty}^{+\infty} s(t-2n)$
 $a = \underbrace{1 \times (t)}_{-\frac{5}{2}-2, \frac{3}{2}-1, \frac{1}{2}, 0, \frac{1}{2}, \frac{1}{2},$







 $e_{-} \frac{1}{T} = 10 \times 2 \times 10.5 = 210 \text{ Hz}$



b.
$$\hat{M}(t) = Re\left\{ \frac{1}{2}(t)e^{-jt/2}\right\}$$

$$= \operatorname{Re}\left\{m(t) e^{i\frac{N_2}{2}}\right\} = m(t) \cos \frac{\pi}{2} = 0$$
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