

Title: Oct 4 - 11:46 AM (1 of 7)

Randon Process.

Zero-meon, ergodic.

Auto currelation:

$$R_{\chi}(171) = E[\chi(t) \chi(t+7)]$$

$$R_{\chi}(0) = \sigma^{2} \text{ "power"}$$

Arte $R_{\chi}(171)$ is not a rule wordle.

Tourist Transform: $S(t) = SR_{\chi}(t) e^{-ixt}t^{\gamma}$

Amoretraspore as $R_{\chi}(t) = S(t) e^{-ixt}t^{\gamma}$

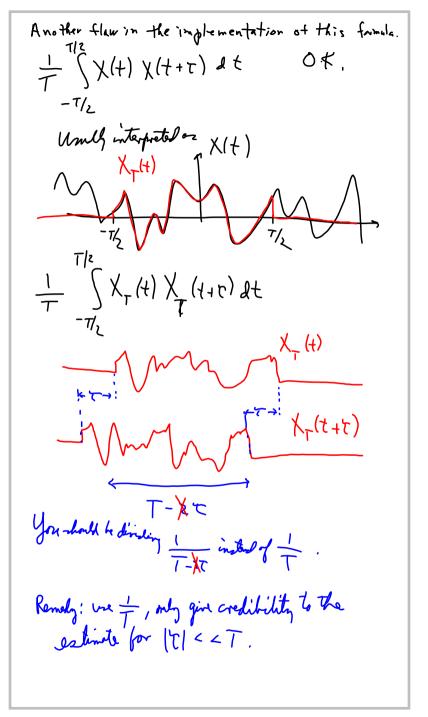
of footish, $R_{\chi}(0) = S(t) dt$

From $S(t) = S(t) dt$

power spectral prover spectral prover.

Title: Oct 4 - 12:04 PM (2 of 7)

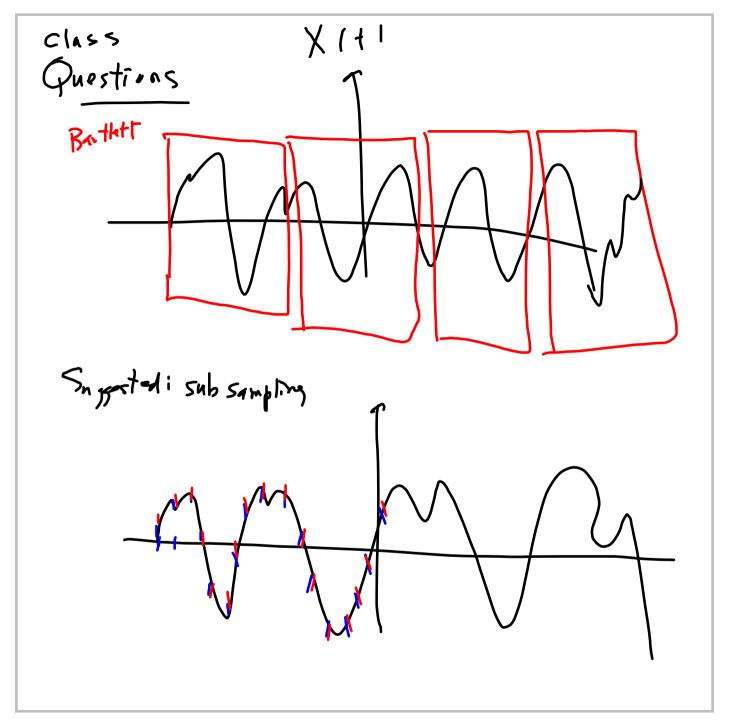
Implementation: estimation, To estimate Rx(T) the had way, lin - (X(t) X(t+r) dt & [this] = Rx(+) Too much work.



Title: Oct 4 - 12:16 PM (4 of 7)

7. estimate Rx (T) the "easy" way, estimate F.T. (S(4)) first, then inverse-transform. start with X(t); truncate X_(t) fMajaitude-square; (7 T(f))?

divide by "T" (or # of time ramples); "Spectrolary $\mathcal{E}\left\{\frac{1}{T}\left|\chi^{L}(t)\right|_{s}\right\} = 2(t)$ "Bartlett's Method"



Title: Oct 4 - 1:00 PM (6 of 7)

Homework: run specest demo Whenit asks For b, input When it asks for a Return, return, ...