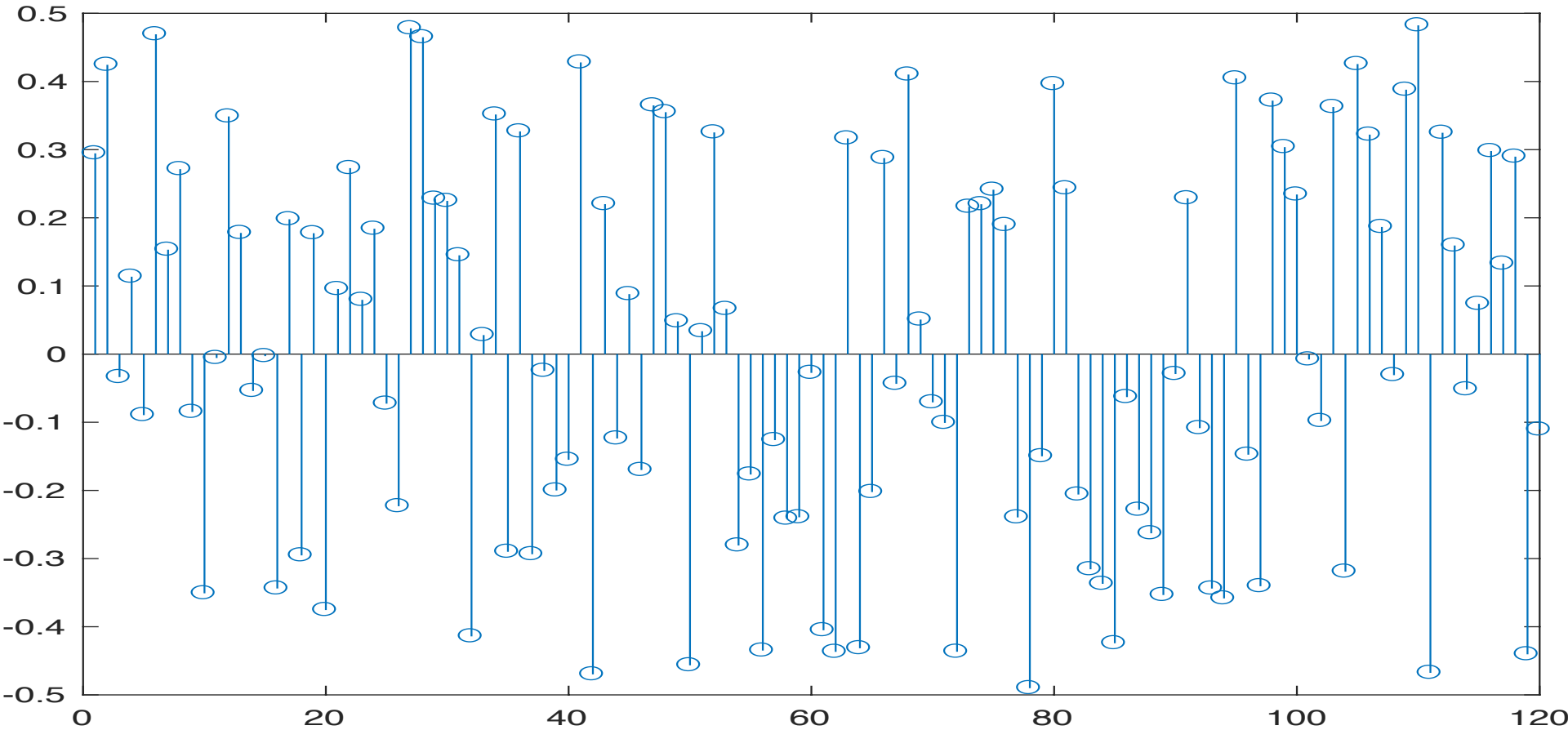


LTI filtering of WSS processes

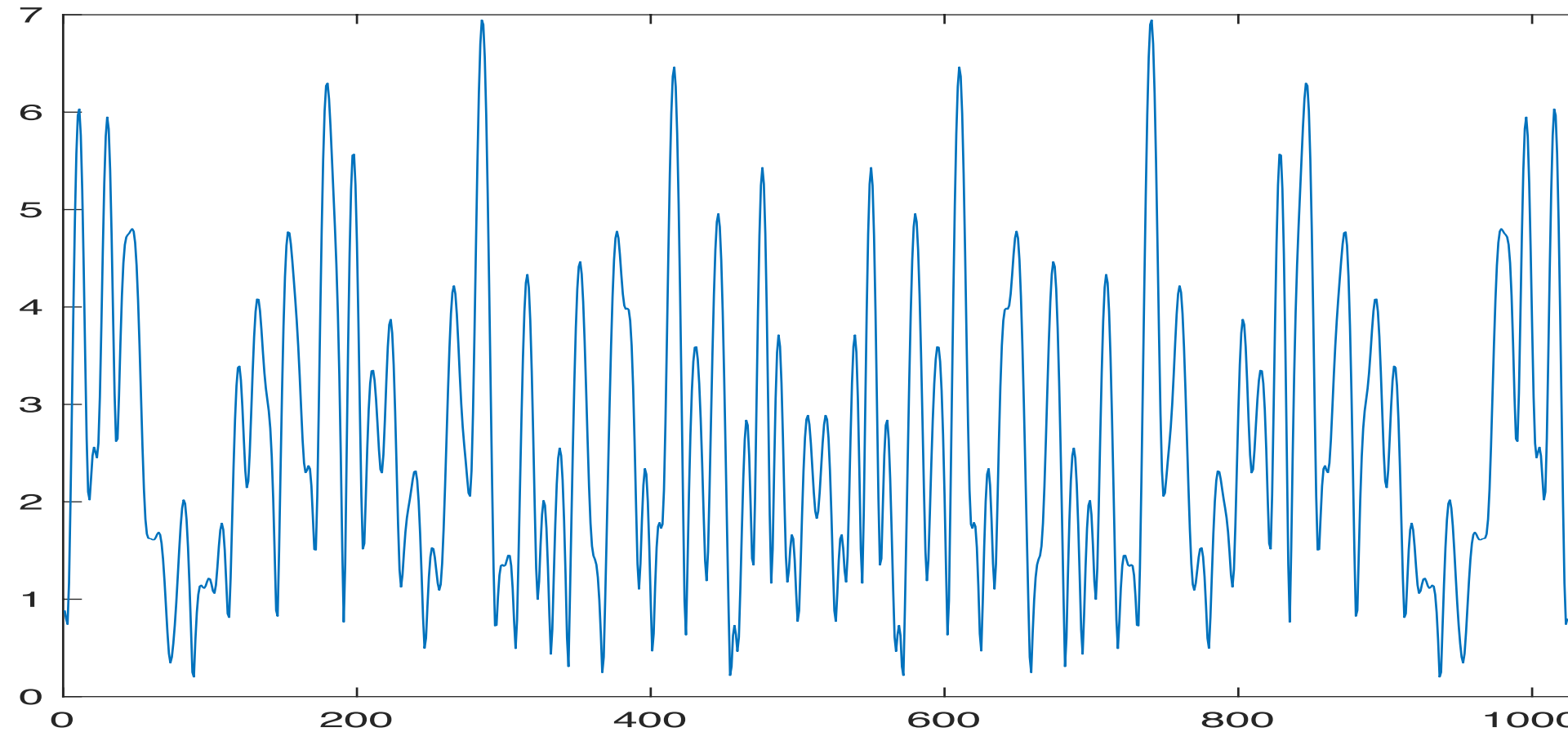
6.011, Spring 2018

Lec 17

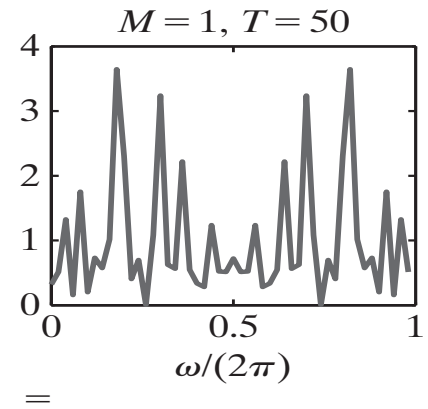
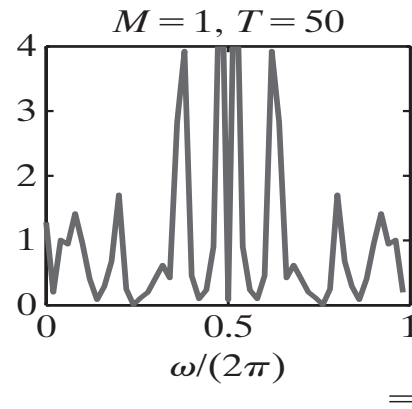
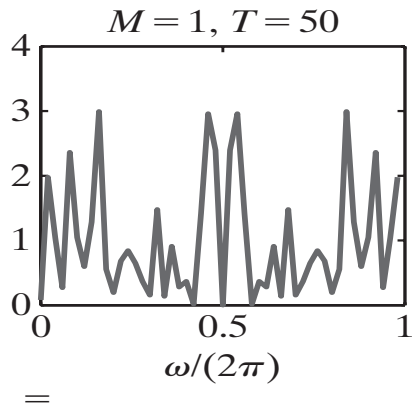
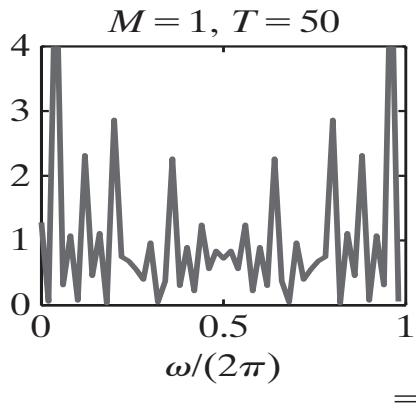
iid signal $x[n]$, uniform in $[-0.5, +0.5]$



DTFT magnitude $|X(e^{j\Omega})|$, 0 to 2π



Transform magnitudes for 4 realizations of a ± 1 Bernoulli process



MIT OpenCourseWare
<https://ocw.mit.edu>

6.011 Signals, Systems and Inference
Spring 2018

For information about citing these materials or our Terms of Use, visit: <https://ocw.mit.edu/terms>.