Periodogram of x(n), α =0.89 15 10 5 Power/Frequency (dB/rad/sample) -20 -25 -30 ^{_} 0.3 0.36 0.38 0.4 0.42 0.44 0.46 0.48 0.32 0.34 0.5 Normalised Frequency (x π rad/sample)