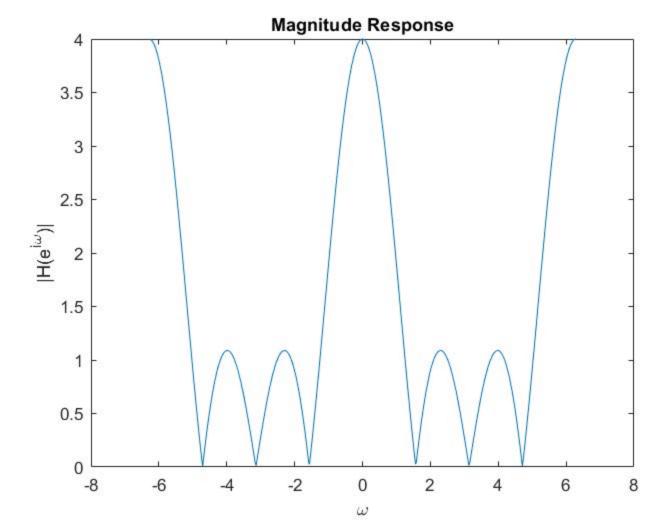
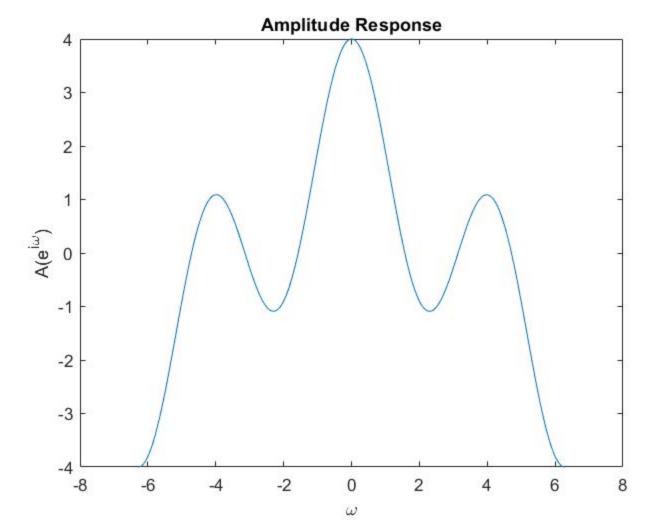
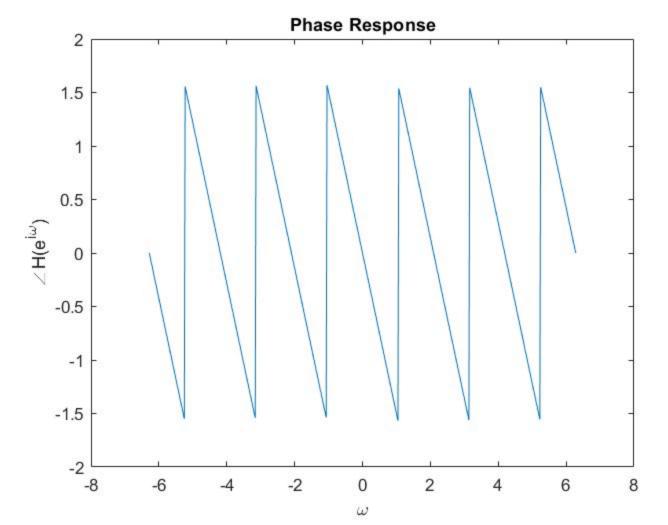
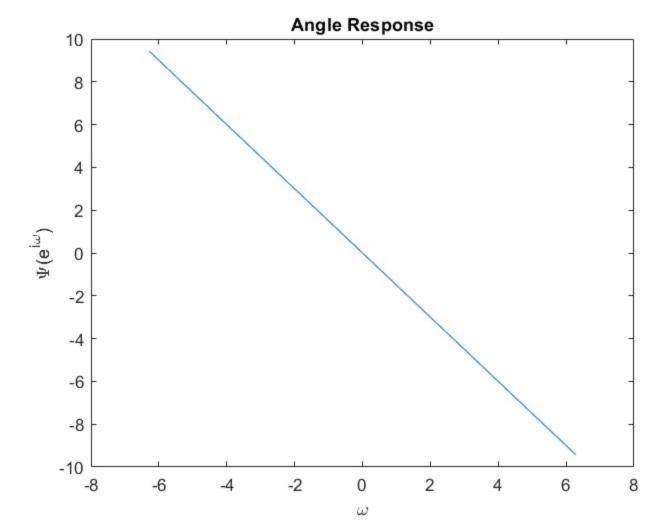
1. As = - Wy. (0.0001) Wc = WPANS = AUT = -nx-4 DW = W5-Wp = 0.27 (A) W[r]=(0.5-0.5 WS(2TU)) WR[r] = (0.5-0.5. = (PAR + e AR)) WR[r] W(elm) = & WR(elm) - & WR(elm+==)) - & WR(elm-==)) 因为Hanr window 在mandale 时,智因為一本S(ft)之意政而使证出 (h) 更高;但在sidelate 吗,因为sidelabe 的peak被求从全途调掉 周围的 amphitude, 因此 Melbe 断路全大幅降低 H(2)=(1-2-4) 1-71=1+2+2-3 H(em)= 1+ edu -2hu -3hw = [2ws (\frac{1}{2}w) + 2 ws (\frac{3}{2}w)]. e \frac{1}{2}w (a) | M(e)w) = | 2005(2w) + 2005(3w) (b) flelw)= mstant mstan1,圆凤旗 Hagnitude response 把负射值都变正了,所以看不出来饲的考正,何时为负荷里的种种Tude response 取绝升值就是magnitude response (C) Lule w)= Le 1=W= L(as=w+)sin=w)=tan-1(tan=w), 國見限 (d) P(p)w/z-3w 國見下向 可从看成是 Angle response 每起过至~一乎的範圍我工作而產生 phase response 如果因到不要續附近我 继续延伸而 P.1

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4. h[n] = -h[M-n], 0 < n < M, odd M H(e) = I hthre dw.n = = Lh(n)edwin + H x(n)edwin = 岩h(n)elwin+ 岩-h[n]elw(H-n) = 1 h[n](e+1) (e+1) (e+1) (e+1) (e+1) (e+1) (e+1) = = 2 N(n) sin(w(=-n)) D. edw= = =] h[=+] Jih(wk) ledw= = = Jh(#2-k] Sin(w(k-3)) De dwy = = d[k]Jin(wk-1)) De du +, d[k]=2/[#/+] = 1(elm) / edw2 A(edw) = = [d[k] 571/(w/-=)) (b) = = = J(k)[x Jingw asw(k-1) + Jinw(k-3)] 1 Jin(b+1) = 25indasp = Jn = {(U[]+)(-+[3]+(-]b) +2(d[2]+(-)+[3]+(-)b) + (d[3]+(-)com =Jhw j d[k] askw where d[k]=/=(2Î[k-1]-Î[k]), k< 뿐

7.2