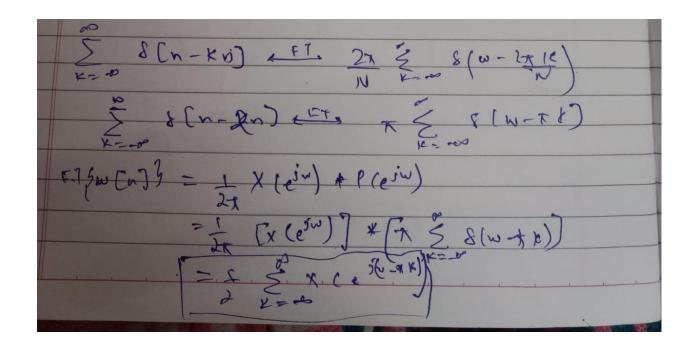
(as(a) + FT 5 + (S(V-W3-27)) + S(W+W, - LTIL)) (0) (TN) xT = x S(w-x) + x 8(w+x) Et W(eiw) = 1 x(eiv) & P(esv) = 1 [x (e) * [x (8(w-x)+8(w++)]] = $1 \times (e^{i\omega}) \times f(\omega - \pi) + 1 \times (e^{i\omega}) + f(\omega - \pi)$ = $1 \times (e^{i(\omega - \pi)}) + 1 \times (e^{i(\omega + \pi)})$ Sin In 127 F (8 (w-I) - 8 (wet))

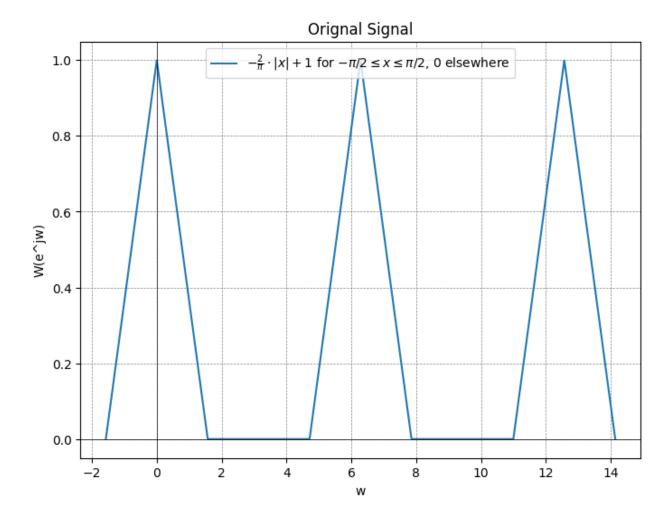
w (eiw) = 1 x (eiw) * P (eiw) = 1 x(e) * 8(w-5) - 1 x(e) * 6(w+5)

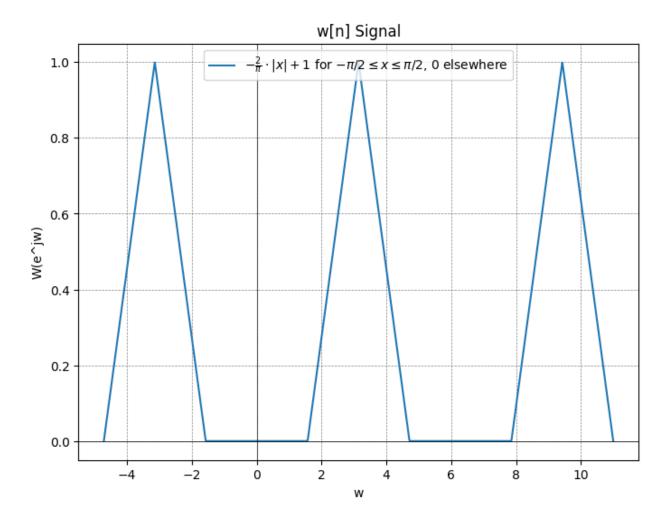
- 1 x(e) (w-5) - 1 x(e) (w+5)

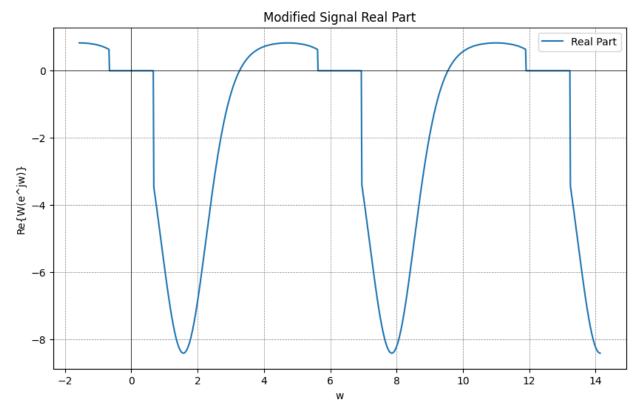
OBJ

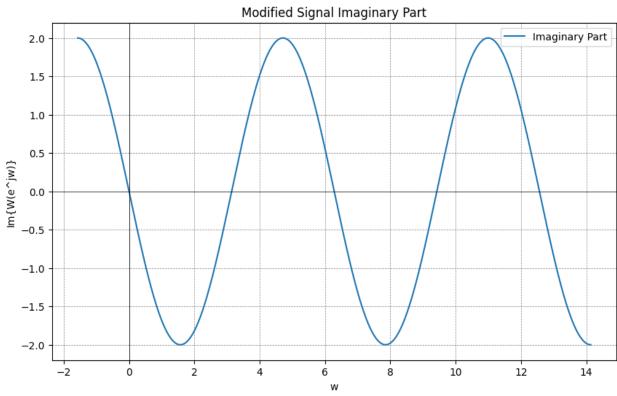
of the of signal (net) e-jut = 12 e-int + (++2) e-int + (te-int + (2e)int dt Will integrate this by online tools 8 put ensure |x(0)=1 |x(5)|=1-52 8 to an Re PX(jw)3 (=) Ev(x(t) = n(t) +n(-t) net = -26+6-1 ++1 -12+LO 2 06+E1 0 otherwise -35+57 Ev (n'ct)) -25+51 02+51 16+12 25+63 Etherwiss

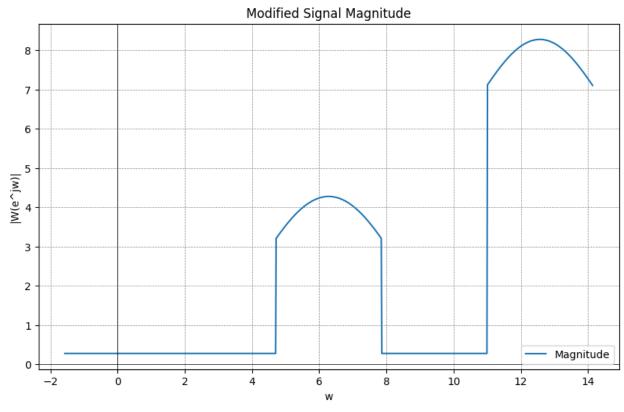


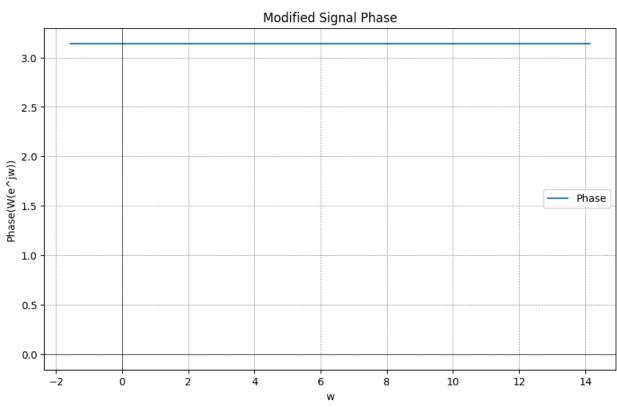


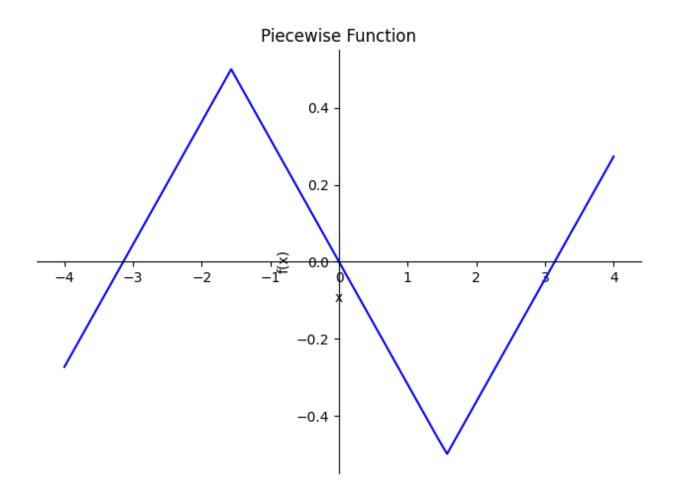


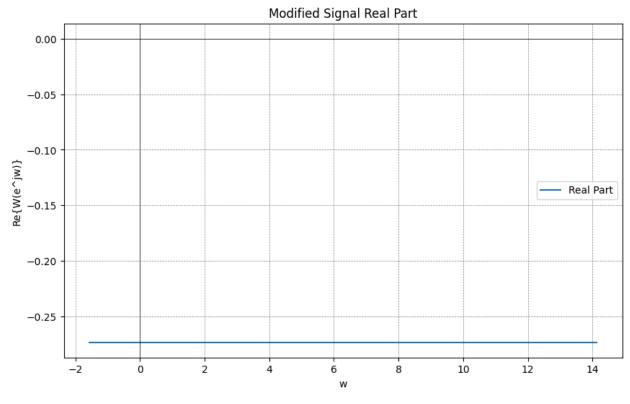


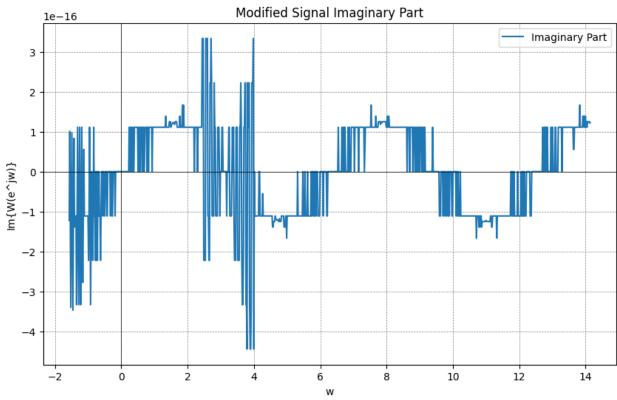


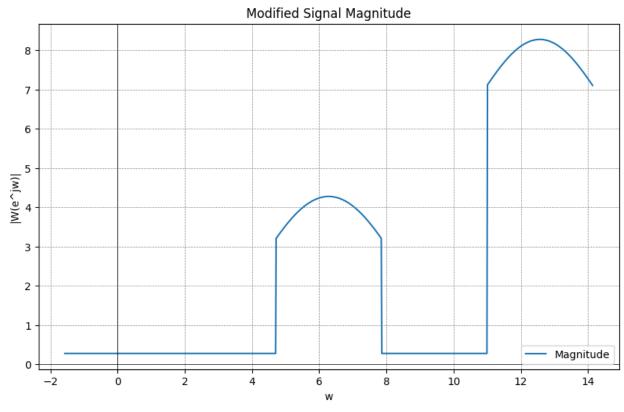


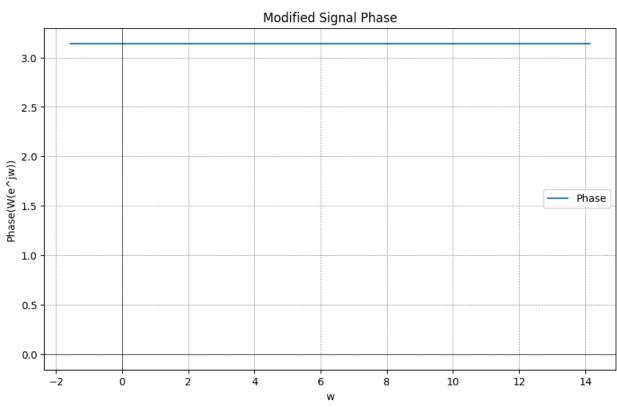


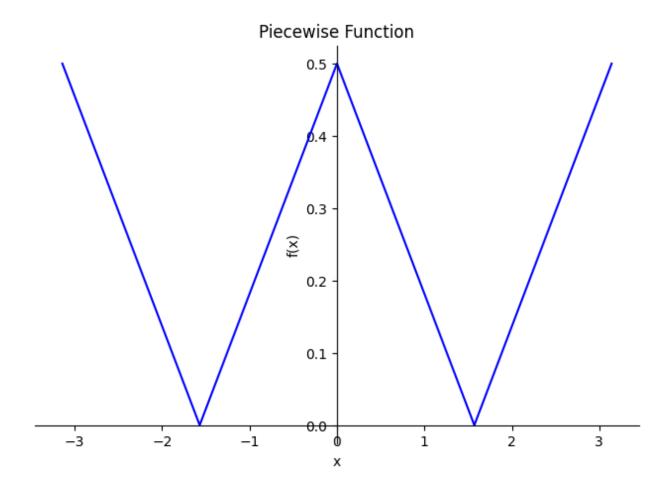


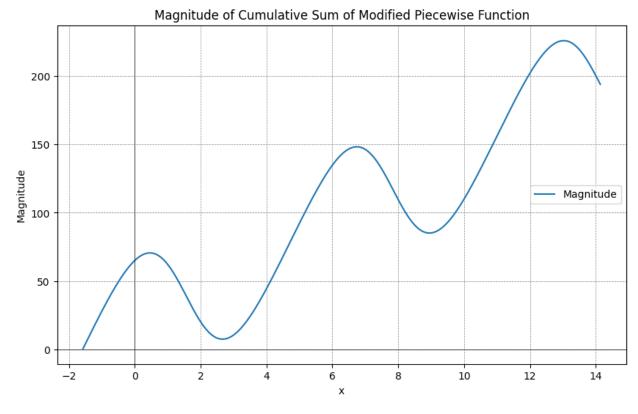


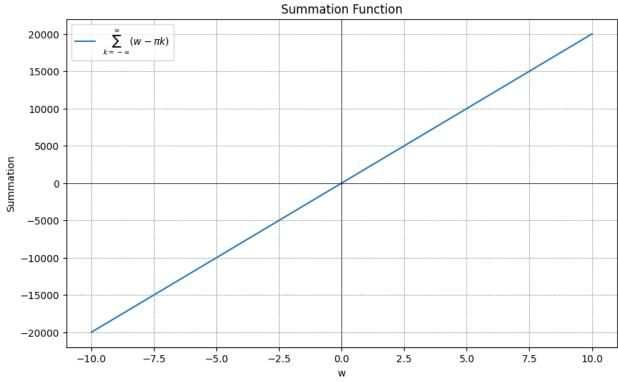


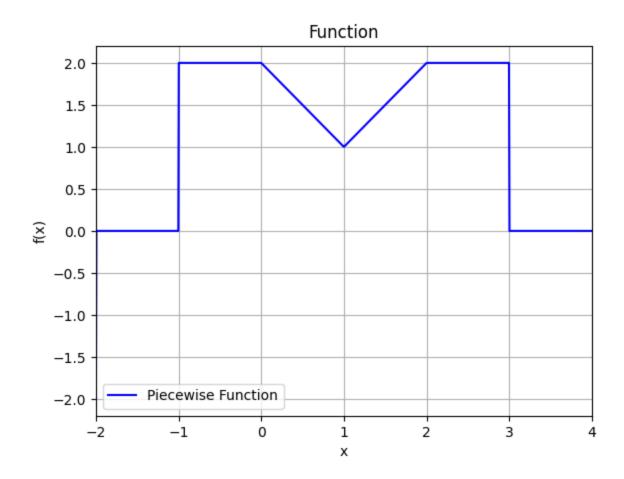


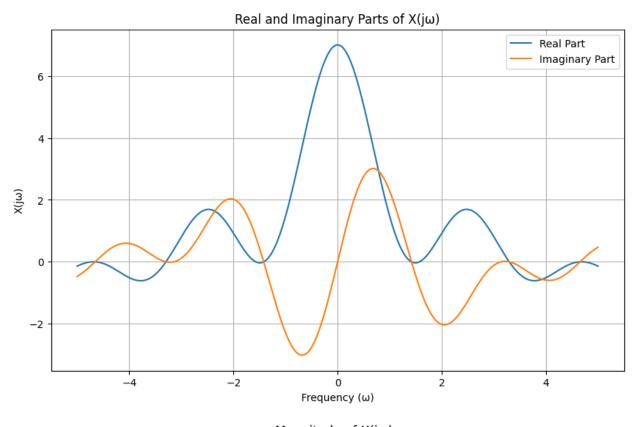


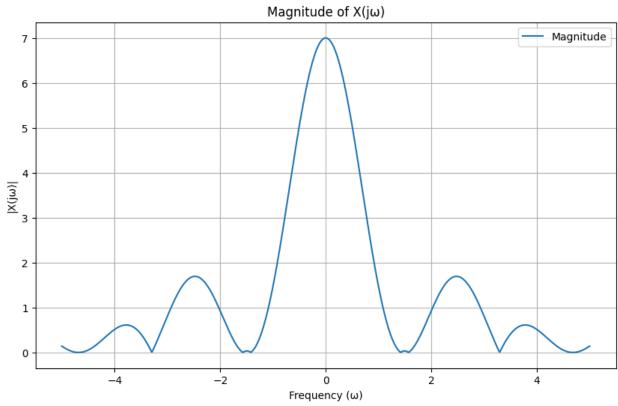












Phase Angle Function: $\angle X(j\omega) = -\omega$ 10.0 Phase Angle Function 7.5 5.0 Angle (radians) 2.5 0.0 -2.5 -5.0 -7.5 -10.0 _'3 -1 2 ò i <u>-</u>2 3

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