$= |H(jwc)| \cos(wct + \phi(wc)) m(t + \phi'(wc))$ Define $T_g(wc) = -\phi'(w)|_{w=wc}$ $T_g(wc) = -\frac{\phi(wc)}{wc}$

Ytti | Hijwe) (os (welt-Tp(we)) m(t- Tg(we))