Bagara 6. Akadumureckae borpamerice gud wunydba! $f(t) = U_m(s_i n w t \cdot o 1(t) - s_i n w t \cdot 1(t - t_i))$ $w = 2 I_i, T = 2 t_i \implies w = \frac{1}{2}$ O Usodramenne: [Sinwt=\w_] F(s)=Um (Sessinwt dt - Sessinwtht)= = Um (sestinut dt - sesteted sin(w(6+6))dt) = -Um (w + est) = st sin wedt) = Um w (1+est)
Cherma: $5(w) = u_{m} \cdot \frac{\pi^{2} - w^{2} \epsilon_{1}^{2}}{(1 + e^{-jw\epsilon_{1}})} = \frac{u_{m} \pi_{\epsilon_{1}}}{\pi^{2} - w^{2} \epsilon_{1}^{2}} (1 + \cos(w\epsilon_{1}) - i\sin(w\epsilon_{1}))$ $\alpha = \frac{u_m \pi_{\epsilon_1}}{\eta^2 - \omega^2 \epsilon_i^2} (1 + \cos(\omega \epsilon)), \beta = -\frac{u_m \pi_{\epsilon_1}}{\eta^2 - \omega^2 \epsilon_i^2}$ Aunumgggnow chekmp: A(w)= |S(3w)|=Va2+82= $\frac{|\mathbf{u}_{m} \mathbf{n}_{t_{1}}|}{|\mathbf{n}_{w}^{2} + |\mathbf{n}_{w}^{2} + |$ = A V4 cos(wei) = 2Um (761. | cos(wei) |

Pazoliw Chekum!
$$\ell(\omega) = \operatorname{arctg} \frac{g}{g} = -\operatorname{arctg} \left(\frac{\operatorname{sin}(\omega \epsilon_i)}{1 + \cos(\omega \epsilon_i)} \right) =$$

$$= \left[\frac{2 + \log \frac{d}{2}}{1 + \log \frac{d}{2}} \right] \cdot \left[\frac{2 + \log \frac{d}{2}}{1 + \log \frac{d}{2}} \right] = -\frac{\omega \epsilon_i}{2} = -\frac{\omega \epsilon_i}{2}$$

$$= -\frac{\omega \epsilon_i}{2}$$

Zpapuk allulungguro cheffinga!

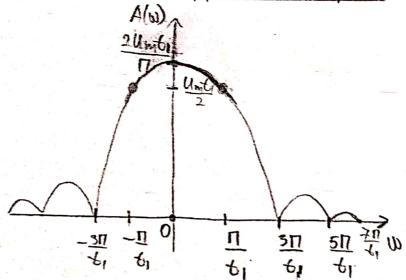
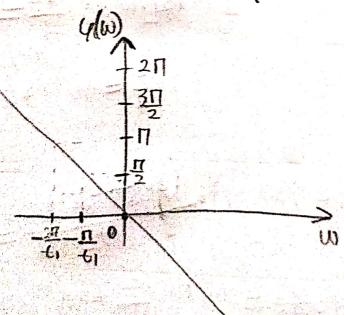


график детрового спекция!



$$c_{k} = \frac{U_{m} T_{k} r}{t_{1} (172 \frac{c_{1} r}{t_{2} r})} \cdot (1 + cos(217k) - 3 sin(217k)) = \frac{2 U_{m}}{17(1-4k^{2})}$$

$$\hat{C}_{K} = \frac{1}{2K_{1}} \cdot \frac{U_{m} \Pi_{K_{1}}}{\Pi^{2} - \Pi^{2} K^{2}} \left(1 + \cos \left(\Pi_{K} \right) - j \sin \left(\Pi_{K} \right) \right) = \frac{u_{m}}{2\Pi(1-k^{2})} \left(1 + (1)^{K} \right)$$