... CEL (3)

5) Change the input to  $v_0(t)=\cos(\cot t)$  and calculate the cutput.  $v_0(t)=4.10^8. \text{ Re}\left(\frac{2^{100t-\frac{1}{2}}}{8.10^{-3}j\cdot\omega^2+3.6\cdot10^3\cdot\omega-5.10^8j}\right)$ 

time is up!