

V, = VozL + 2jwLV0 - w2/CZLV0-jw3/2CV0 +
ZL + 2jwL - w2LCZL-jw3L2C +j2w2/cZLVo+ju3/L2cVo-jwLVo ZL+ 2jul -wzl(ZL-jw3L2C V. = Vo ZL + jw L Vo

ZL+ 2jw L- w2 LCZL - jw3 L2C $\widetilde{T}_1 = \widetilde{T}_2 + \widetilde{T}_2'$ $\widetilde{T}_2' = \widetilde{T}_2' = \widetilde{T}_1' = \widetilde{T}_1' = \widetilde{T}_2' = \widetilde{T}_1' = \widetilde{T}_2' = \widetilde{T}_1' = \widetilde{T}_2' = \widetilde{T}_1' = \widetilde{T}_2' = \widetilde{T}_2$ In = In - jucvi In = jwcZcVo-wzlcvo+vo -jwcVoZc+wz LcVo

ZL + 2jwl-wzlcZc+jwsle Zc+zjwl-wzlcZc-jwsle I = ZL + 2jwL - w2L CZL - jw3L2 C

 $= \frac{\sqrt{2} - \tilde{I}_{2} j \omega L}{2 + j \omega L \omega^{2} L c^{2} - j \omega^{3} L^{2} c} + \frac{-j \omega k v_{0}}{2 L + 2 j \omega L - \omega^{2} L c^{2} L c^{2} - j \omega^{3} L^{2} c}$