

Ps.2 (第2题) (1) I(0) = Io = V = (V+ I(-1) = Io cos (-kl) = = (V+e-jk-(-1).-V-P X: L=22 八解得: V+= 型 V- == 2010 is Z1 = 0 141 V(Z) = Z. I. wskz V(Z) = Z. I. wskz V(Z, t) = Re {Z. I. e-jkz. ejwt } = Z. I Las (F. KZ) = Zo Jo sinkz (5) $I_{(-1)} = I_0 \cos(-kL) = I_0.$ $\therefore Z_5 = \frac{V_5}{I_{(-1)}} = \frac{Z_5I_0}{I_0} = Z_0.$

P5.3 [2] 由于7.2断路 T. T. 大豆子名: Vi = V3=V2=0 八輪 入阻抗为0

5、2 (第4學题) HIPDI = HLPD+ 1 BX · H(P) = H(P); + H(P)+ H(P) = 4 - was 8 2 ka 5 2 2 5/2 在X=0 欧人 公右侧无磁场 -2WD (V) THE THE DAY HIPS : J(P) = 2 -2ko e 2ko 25/2 (2) 全记PECO的阻抗为 Z=0 · [5=0-1 (X方向上): 1. E-x=PE+x 1. E-= (-25/2-2-1) 8 0000 · 在X=0处, E++E-=(x5/2-21/2) pihoz5/2+1-x5/2-21/2) pikoz5/2 =-2 pikoz5/2 · X为何,即 X>O范围内无场