W===Li² (储在的能量) 串联: L=Li+Li+2M 并联: L= LiLi-M² Li+Li+2M W==1/112 +2612 + Milia 3、星角变换 eint = cosutti sin wt rms: 方 effective value:产生和直流电相同功率的等效值 Reactance 电抗 L针对L和L) ZI=WL Zc=tanp= tec-ell 門抗 Impedance (针对LRC一起) Z= JR2+(WL- t/2)2 计算电流用2:1=> (电流领先电压力) 计算功率用 R: P= Irms R $L = \frac{V}{Z} - \frac{V}{R + i(Wl - i\alpha)} (复数除法)$

Resonance:电压大小相同,改变的率,使电流最大(在LRC中) W=J击 (要求2最小即WL-就=0) J. transformer: 变压器 VI = M, P=V, I, =V, I, filter:滤波器 in R I c out fobbeting in I at high-pass H(jw) = Vout 交流逐重流: rectified D(output 6.电磁波 Maxwell equations: OXD=P4 OXZ=- == JP J.B=0 OXP= I++= F(x,t)=F(x-vt) $\frac{3^{2}}{3^{2}}(X,t) = \frac{\sqrt{2}}{2^{2}}\frac{3^{2}}{3^{2}}(X,t) = 0$ F(X,t)=F(X+kA,t) F(X,t)=F(x+kT) V=JE (F:起力, M:单位辖隐

PMax = JUF WZAZ P = 1 JUFWZAZ

Y(x,t)=Aus[27([六-丰])=Aus(kx-ut) と (k=光)

V= Af

$$\overrightarrow{P} = 0 \quad \overrightarrow{P} = 0$$

Laplace transform F(s)= [(t)] = [e - st f(t) dt G{f(m)(t)} = 5 ° £ {f(t)} - 5 n-1 f(0) - ... - f(n-1)(0).50 F(s) f(t) 口質的 ①作用于f(r)=(fx(r), fy(r), fz(r))(f: k³→k³)箱箱 eqt t" sinlat) cos (qt) sikh (at) cosh (at) ②文乘, rot (作用于同口的函数) e at sin (bt) (5-a)产物(又XF(P))-(毒x, 青x, 青)× F(P) e tos(bt) 5-9 (5-a)2+62 treat 15-a) nti uclt) e- cs U.(t)f(t-c) 6-cz E(1) et f(t) F(5-c) flet) 는 F(를) F0)60) [,tAt-7)9(c)dT e-u S(tr) Fln)(s) (-t) "f(t)