6.电磁波辐射.

真宝麦氏方程、

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I DXĀ=B

但成立是我

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但处于瓷

三0定十是0次南

二八年等)心

江产量二ツ

: 产二74一餐

规范离变:

 $\hat{A} = A+D\lambda$., $\hat{Q}(\varphi) = \varphi - \frac{\partial A}{\partial t}$

与产了第二日

产生79十0%-强一强一04%意

夕所以的破沉美,通过队规范来给出股制 0.能规心了产口 ミニマリー学 -DE=プタ+発功=-台P 34=- E VX(VX) = 加了一加到第一加到 (77) - M& 37) - V (V-A+M& 32) =-MJ OÀ W. ~ JA-MEDZA - NOED TO - MOJ (2) 为在"loventz规范; 7. A + 106 3 = 0 · 72A-16632A =-16] 74十部功二音月

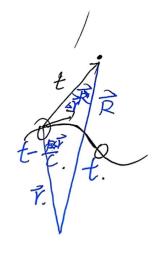
$$A(\bar{p},t) = 4\pi \int \frac{f(\bar{p},t)}{|x|} dV.$$

$$A(\bar{p},t) = 4\pi \int \frac{f(\bar{p},t)}{|x|} dV.$$

中和首满足 Lorentz规范.

63. 辐射.

辐射; 脱离源点向外传播的场



$$\vec{A} = \vec{R} - \vec{r}$$

$$\vec{A} = \vec{R} + \vec{r} - \vec{R} \vec{r}$$

$$\vec{A} = \vec{R} + \vec{r} - \vec{R} \vec{r}$$

$$\vec{A} = \vec{R} + \vec{r} - \vec{R} \vec{r}$$

$$\vec{A} = \vec{R} + \vec{R}$$

ML

$$\hat{B}^{(0)} = \frac{\mu_0 e^{i k R}}{4 \pi R} \hat{P}_{R}^{2}, \quad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{P} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{q} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{q} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{q} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{q} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{q} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{q} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{q} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{q} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times \hat{q} \qquad \qquad \hat{q} = 0 \frac{1}{4 \pi R} (D \times : e^{i k Q}) \times$$

 $\frac{\partial^{(1)}}{\partial t} = \frac{-ik\mu_0 e^{ikR}}{4\pi R} \left[-\vec{e}_R \times \hat{m} + \frac{1}{2} \int \left[(e_R \cdot \vec{r}) \right] + (e_R \cdot \vec{J}) \nabla J dv \right]$ $\frac{\partial^{(2)}}{\partial t} = ik\mu_0 e^{ikR} \left[-\vec{e}_R \times \hat{m} + \frac{1}{2} \int \left[(e_R \cdot \vec{r}) \right] + (e_R \cdot \vec{J}) \nabla J dv \right]$

「人(mp): -ikmveike 47日(-erxm +を配う)

松湖思极:

AM(R) = 1 KNO eikr (ERXM)

B=DXAn(P)=1 Kpoeikr 47R (Epxin)×Ep. 1B=D ZW Cikp 47R (Epxin)×Ep.

= hoeler (mx Ep) x ER

E=CBXER=-Moeike HAR (MXER)

A(A)= - ikmeikk tr. B

B=1ker X(G-P). = CIKR = X CA

E=CRXPn

J-> iker