

| 誤 | 正 |
|---|---|
| $K = \sqrt{ ea_2 / p_0 } l \quad (\text{式 3-24 の上})$ | $K = \sqrt{ ea_2 / p_0 }$ |
| <p>式(3-24)~(3-27)</p> | $\begin{pmatrix} x \\ x' \end{pmatrix}_{\text{ext}} = \begin{pmatrix} \cos Kl & \frac{1}{K} \sin Kl \\ -K \sin Kl & \cos Kl \end{pmatrix} \begin{pmatrix} x \\ x' \end{pmatrix}_{\text{ent}}$ $\begin{pmatrix} y \\ y' \end{pmatrix}_{\text{ext}} = \begin{pmatrix} \cosh Kl & \frac{1}{K} \sinh Kl \\ K \sinh Kl & \cosh Kl \end{pmatrix} \begin{pmatrix} y \\ y' \end{pmatrix}_{\text{ent}}$ $\begin{pmatrix} x \\ x' \end{pmatrix}_{\text{ext}} = \begin{pmatrix} \cosh Kl & \frac{1}{K} \sinh Kl \\ K \sinh Kl & \cosh Kl \end{pmatrix} \begin{pmatrix} x \\ x' \end{pmatrix}_{\text{ent}}$ $\begin{pmatrix} y \\ y' \end{pmatrix}_{\text{ext}} = \begin{pmatrix} \cos Kl & \frac{1}{K} \sin Kl \\ -K \sin Kl & \cos Kl \end{pmatrix} \begin{pmatrix} y \\ y' \end{pmatrix}_{\text{ent}}$ |
| $\begin{pmatrix} x \\ x' \end{pmatrix}_{\text{ext}} = \begin{pmatrix} 1 & 0 \\ \mp k & 1 \end{pmatrix} \begin{pmatrix} x \\ x' \end{pmatrix}_{\text{ent}} \quad (3-29)$ | $\begin{pmatrix} x \\ x' \end{pmatrix}_{\text{ext}} = \begin{pmatrix} 1 & 0 \\ -k & 1 \end{pmatrix} \begin{pmatrix} x \\ x' \end{pmatrix}_{\text{ent}} \quad (3-29)$ |
| $\begin{pmatrix} y \\ y' \end{pmatrix}_{\text{ext}} = \begin{pmatrix} 1 & 0 \\ \pm k & 1 \end{pmatrix} \begin{pmatrix} y \\ y' \end{pmatrix}_{\text{ent}} \quad (3-30)$ | $\begin{pmatrix} y \\ y' \end{pmatrix}_{\text{ext}} = \begin{pmatrix} 1 & 0 \\ k & 1 \end{pmatrix} \begin{pmatrix} y \\ y' \end{pmatrix}_{\text{ent}} \quad (3-30)$ |
| $k_s \equiv \frac{2b_2}{p_0} l \quad (36)$ | $k_s \equiv \frac{2eb_2}{p_0} l \quad (3-36)$ |
| $\langle xx' \rangle = -\alpha / a^2 2 \quad (4-26)$ | $\langle xx' \rangle = -\alpha a^2 / 2$ |
| <p>式(4-39)、(4-40)、(4-41)の「K」</p> | <p>「-K」(負号をつける)</p> |
| <p>負でないパラメータ Δ (式 4-46 の上)</p> | <p>$-\pi/2 \sim \pi/2$ の範囲のパラメータ Δ</p> |

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| 式(4-50),(4-51), (4-54), (4-56) | 右辺に β_y を掛ける |
| 式(4-57), (4-58), (4-59) (4-60) | 右辺に $\beta_x\beta_y$ を掛ける |
| $\frac{\hbar r_e mc^2 \gamma_0^7}{T_0} \int_0^{cT_0} \frac{1}{\rho_0^3} ds \quad (7-63)$ | $\frac{\hbar r_e mc^2 \gamma_0^7}{T_0} \int_0^{cT_0} \frac{1}{\rho_0^3} ds$ |
| $P \equiv \frac{dX}{d\phi} = \sqrt{\beta} x' + \frac{\alpha}{\sqrt{\beta}} x \quad (8-11)$ | $P \equiv v \frac{dX}{d\phi} = v \left(\sqrt{\beta} x' + \frac{\alpha}{\sqrt{\beta}} x \right)$ |
| 式(8-11)の下 「(\dot{X} のかわりに P と書いた。)」 | 削除 |
| $H(X, P; \varphi) = \frac{1}{2} \left(\frac{P^2}{v} + v X^2 \right) \quad (8-12)$ | $H(X, P; \varphi) = \frac{1}{2} (P^2 + v^2 X^2)$ |
| $\begin{aligned} \frac{dX}{d\varphi} &= \frac{\partial H}{\partial X} = P/v \\ \frac{dP}{d\varphi} &= -\frac{\partial H}{\partial P} = -vX \end{aligned} \quad (8-13)$ | $\begin{aligned} \frac{dX}{d\varphi} &= \frac{\partial H}{\partial P} = P \\ \frac{dP}{d\varphi} &= -\frac{\partial H}{\partial X} = -v^2 X \end{aligned}$ |
| $H(X, P; \varphi) \quad (8-28)$ | $H(\phi, J; \varphi)$ |