7.
$$K \cdot \{e^{-2}, e^{-2}\} = \{e^{-2}\}$$

$$\int C_{4}(e^{-2}+e^{-2}) + C_{2}(e^{-2}+e^{-4}) = -3$$

$$= \begin{cases} 4C_{4}(e^{-2}+e^{-2}) + C_{2}(e^{-2}+e^{-4}) = 0 \\ 3 \cdot C_{4}(e^{-2}+e^{-2}) = 3 \end{cases}$$

$$C_{4} = C_{4} = \frac{1}{e^{-2}+e^{-2}}$$

$$f + C_{2}(e^{-2}+e^{-4}) = 0$$

$$C_{5} = C_{2} = -\frac{1}{e^{-2}+e^{-2}}$$

$$= \begin{cases} C_{5} = C_{2} = -\frac{1}{e^{-2}+e^{-2}} \\ e^{-2} = -\frac{1}{e^{-2}+e^{-2}} \\ e^{-2} = e^{-2}+e^{-2} \end{cases}$$

$$= \begin{cases} C_{5} = C_{5} = -\frac{1}{e^{-2}+e^{-2}} \\ C_{5} = C_{5} = -\frac{1}{e^{-2}+e^{-2}} \\ C_{5} = C_{5} = -\frac{1}{e^{-2}+e^{-2}} \end{cases}$$

$$= \begin{cases} C_{5} = C_{5} = -\frac{1}{e^{-2}+e^{-2}} \\ C_{5} = C_{5} = -\frac{1}{e^{-2}+e^{-2}} \\ C_{5} = C_{5} = -\frac{1}{e^{-2}+e^{-2}} \end{cases}$$

$$= \begin{cases} C_{5} = C_{5} = -\frac{1}{e^{-2}+e^{-2}} \\ C_{5} = C_{5} = -\frac{1}{e^{-2}+e^{-2}} \\ C_{5} = C_{5} = -\frac{1}{e^{-2}+e^{-2}} \end{cases}$$

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$$= \begin{cases} C_{5} = C_{$$

5)
$$FCY(x|J = SCY(x|J + 6y'(x)) = \frac{1}{3}(|y'(x)|^2 + S(y'(x))^2 + Gy'(x)) + Gy'(x)) dx$$
 $FCY+3yJ - FCYJ = \int (|(Sy'')^2 + S(y')^2 + 4(Sy)^4 + 648y'' + 42y'' + 43y'' + 43y''' + 43$

$$|| \int_{-\infty}^{\infty} \int_{-\infty}$$

$$\begin{aligned}
-2 & \vec{E} + 3g + 2 \lambda R^2 = 0 \\
\lambda &= \frac{+2 \vec{E} - 3g}{2 R^2} + 2 \lambda R^2 = 0
\end{aligned}$$

$$\lambda = \frac{+2 \vec{E} - 3g}{2 R^2} + 2 \lambda R^2 = 0$$

$$\lambda = \frac{+2 \vec{E} - 3g}{2 R^2} + 2 \lambda R^2 = 0$$

$$\lambda = \frac{+2 \vec{E} + 3g + 2}{2 R^2} + 2 \lambda R^2 = 0$$

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$$N = \lambda \left(\frac{\partial f(\bar{\tau})}{\partial x}, \frac{\partial f(\bar{\tau})}{\partial y}, \frac{\partial f(\bar{\tau})}{\partial z} \right) = -2 \lambda (n, y, \bar{\tau}) = \frac{-2E + 3g \bar{\tau}}{R^2} (n, y, \bar{\tau})$$

grave
$$3:\lambda \cdot \lambda = \lambda$$
 encey $\frac{1}{a}$

$$= \lambda \cdot \frac{1}{a}$$

Permun: $\lambda = a \cdot \sqrt{1} \cdot \frac{1}{a}$

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Permun: λ