Esame 14-09-1000

Estriction 2

$$DE_{+} = P_{2x} \cdot T \cdot T \cdot P_{3x} \cdot \int_{0}^{\infty} S(\xi) d\xi \quad S_{x}(\xi) = \frac{C_{2x}^{2}}{4} + 2^{2} \frac{d}{2} = 2$$

$$S_{x}(\xi) = \frac{2}{4} \cdot \frac{C_{x}(\xi)}{C_{x}(\xi)} = \frac{2}{2} \cdot \frac{7}{2} (3 - |3|)^{2} \cdot \text{vect}(\frac{1}{4}) = 2 \cdot T \cdot (2 - |2|)^{2} \cdot \text{vect}(\frac{1}{4})$$

$$P_{x} \cdot \int_{0}^{\infty} S_{x}(\xi) d\xi = \int_{0}^{\infty} e^{-\tau} (4 - |3|)^{2} \cdot \text{vect}(\frac{1}{4}) d\xi = 2 \cdot T \cdot \frac{1}{2} \cdot$$

$$\begin{split} &\mathcal{E}_{0}^{2} = \mathbb{E}_{n} = \int_{-\infty}^{\infty} S_{n}(\delta) \, d\delta \\ &- \int_{-\infty}^{\infty} S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[G_{n}(\delta) \right]^{3} \, d\delta \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[G_{n}(\delta) \right]^{3} \, d\delta \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[G_{n}(\delta) \right]^{3} \, d\delta \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[G_{n}(\delta) \right]^{3} \, d\delta \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[G_{n}(\delta) \right]^{3} \, d\delta \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[G_{n}(\delta) \, d\delta \right] \right] \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[G_{n}(\delta) \, d\delta \right] \right] \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[G_{n}(\delta) \, d\delta \right] \right] \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[G_{n}(\delta) \, d\delta \right] \right] \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[G_{n}(\delta) \, d\delta \right] \right] \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[G_{n}(\delta) \, d\delta \right] \right] \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta \right] \right] \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta \right] \right] \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta \right] \right] \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta \right] \right] \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta \right] \right] \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta \right] \right] \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta \right] \right] \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta \right] \right] \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta \right] \right] \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta \right] \right] \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta \right] \right] \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta \right] \right] \\ &- \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta + \int_{-\infty}^{\infty} \frac{N_{0}}{2} \left[S_{n}(\delta) \, d\delta \right] \right] \\ &- \frac{N_{0}}{2} \left[S$$