25,
$$\ln(x) = \frac{e^{x}}{0!} \frac{d^{n}}{dx^{n}} (x^{n} e^{x})$$

$$\frac{L_{2}(x)}{0!} = \frac{e^{x}}{0!} \frac{d^{n}}{dx^{n}} (x^{n} e^{x})$$

$$\frac{L_{2}(x)}{2!} = \frac{e^{x}}{0!} \frac{d^{n}}{dx^{n}} (x^{n} e^{x})$$

$$\frac{L_{2}(x)}{0!} = \frac{e^{x}}{0!} \frac{d^{n}}{dx^{n}} (x^{n} e^{x})$$

$$\frac{L_{2}(x)}{0!} = \frac{e^{x}}{0!} \frac{d^{n}}{0!} \frac{d^{n}}{$$

$$iw_{1} = \int_{0}^{\infty} \frac{e^{-x}(x-2+\sqrt{2})}{2+\sqrt{2}-2+\sqrt{2}} = \frac{1}{2\sqrt{2}} \int_{0}^{\infty} \frac{x-2+\sqrt{2}}{e^{x}}$$

$$= \frac{2}{2\sqrt{2}} \int_{0}^{\infty} xe^{-x} - 2\int_{0}^{\infty} e^{-x} + \sqrt{2}\int_{0}^{\infty} e^{-x}$$

$$= \frac{1}{2\sqrt{2}} \int_{0}^{\infty} e^{-x} - e^{-x} + 2e^{-x} + 2e^{-x} - \sqrt{2}e^{-x}$$

$$= \frac{1}{2\sqrt{2}} \int_{0}^{\infty} e^{-x} - e^{-x} + 2e^{-x} + 2e^{-x} + 2e^{-x}$$

$$= \frac{1}{2\sqrt{2}} \int_{0}^{\infty} e^{-x} + \frac{1}{2\sqrt{2}} \int_{0}^{\infty} e^{-x} + \frac{1}{2\sqrt{2}} \int_{0}^{\infty} e^{-x}$$

$$= \frac{1}{2\sqrt{2}} \int_{0}^{\infty} e^{-x} + \frac{1}{2\sqrt{2}} \int_{0}^{\infty} e^{-x}$$

$$= \frac{1}{2\sqrt{2}} \int_{0}^{\infty} e^{-x} + \frac{1}{2\sqrt{2}} \int_{0}^{\infty} e^{-x} + \frac{1}{2\sqrt{2}} \int_{0}^{\infty} e^{-x}$$

Regld conductora clauss la uveree $\int_{0}^{\infty} e^{-x} \cdot f(x) = 0.8536 \cdot f(0.5858) + 0.14664 \cdot f(2+\sqrt{2})$

$$w_0 = 2+\sqrt{2} = 0.8555$$

$$w_4 = 2-\sqrt{2} = 0.14644$$

$$x_0 = 2+\sqrt{2} = 0.146$$