I- Tomando
$$\int_{Cx} (x) = \frac{1}{6\sqrt{2\pi}} \exp\left[\frac{1}{2} \left(\frac{x-M}{G}\right)^{2}\right], Com M=0 & G=1,$$

tamos gan: $\int_{Cx} (x) = \frac{1}{\sqrt{2\pi}} \exp\left[\frac{-x^{2}}{2}\right]$

O) $V_{C} = W \int_{\frac{1}{\sqrt{2\pi}}}^{\frac{\pi}{2}} \exp\left[\frac{-x^{2}}{2}\right]^{2} dx$, $\int_{C(x)} (x) = \frac{1}{2\pi} e^{-x^{2}} \exp\left[\frac{-x^{2}}{2}\right]^{2} dx$

$$\chi_{0} = \alpha = \frac{1}{\sqrt{2}} = 0.7071 \qquad \chi_{4} : \chi_{3} + m = 1.0523$$

$$\chi_{1} = \chi_{0} + m = 0.71734 \qquad \chi_{5} = \chi_{4} + m = 1.1386$$

$$\chi_{1} = \chi_{1} + m = 0.8197 \qquad \chi_{6} = b = \frac{\sqrt{3}}{\sqrt{2}} = 1.2247$$

$$\chi_{9} = \chi_{2} + m = 0.9660$$

$$\delta(x) = \frac{1}{2} \delta^{3} M z, \quad Mz = \max_{\chi \in [a,b]} \left| \int_{a}^{a} (x) dx \right|$$

$$\delta(x) = \frac{1}{2} e^{-\chi^{2}} \Rightarrow \delta^{1}(\chi) = -\chi e^{-\chi^{2}} \Rightarrow \delta^{2}(\chi) = -e^{-\chi^{2}} + 2\chi^{2} e^{-\chi^{2}} \Rightarrow \int_{a}^{a} (\chi) dx = \int_{a}^{a}$$

$$\frac{1}{2} \sum_{h'(x) = \sqrt{2}} \int_{|x|}^{1} (x) dx = \int_{x}^{x^{2}} \int_{x}^{2} (-2x) e^{-x} dx = \int_{x}^{x^{2}} \int_{x}^{x^{2}} \int_{x}^{x^{2}} dx = \int_{x}^{x^{2}} \int_{x}^{$$

$$\xi(x_0) = 0$$

 $\xi(x_1) = 0.2099$
 $\xi(x_2) = 0.5150$
 $\xi(x_3) = 0.4126$

$$\int_{1}^{2} \chi^{2} I_{n}(x) dx \approx \boxed{1.0716}$$

$$\int_{1}^{1}(x)=\frac{2}{x}\Rightarrow\int_{1}^{1/2}(x)=\frac{-2}{x^{2}}$$

$$M_{4} = h(1) = \frac{2}{2^{2}} = 2$$

$$|ESR| = 8,5820.10^{-6}$$

 $|ESR| \le 10^{-6}, + \infty$
 $\frac{m}{180} (2-1)^{5}.2210^{6} \implies m > 12$