

$$\frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2}}$$

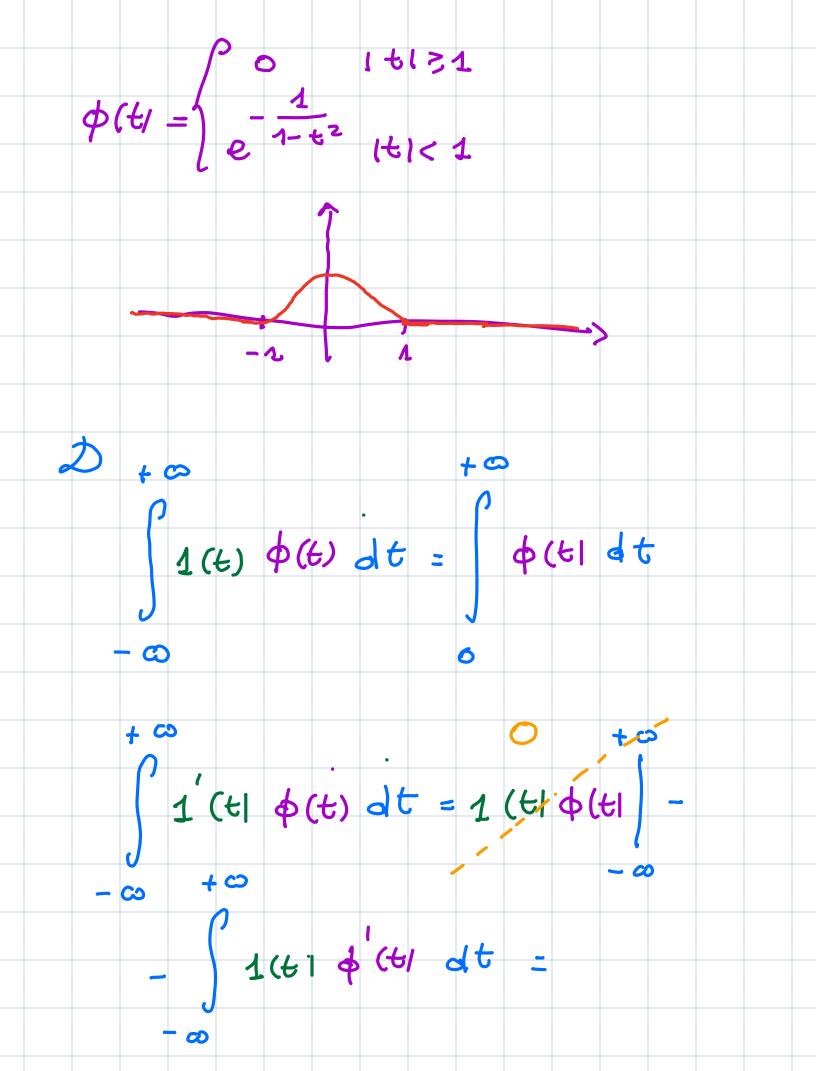
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$$\frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2}} = \frac{1$$

$$\int S(H) \phi(t) dt = \phi(0)$$

$$\int S(H) \phi(t) dt = \int S(t) e^{-St} dt = 2 \int$$



$$= -\int 1(\xi) \, \phi'(\xi) \, d\xi = -\int \phi'(\xi) \, d\xi = -\int$$

$$(J(\frac{1}{2}) = \frac{2}{2-1}$$

$$G(\frac{1}{2}) = (2+\frac{1}{2})^{3}$$

$$(\frac{1}{2}+\frac{1}{2})^{3} \rightarrow (-\frac{1}{2})^{1}(x) \begin{pmatrix} k \\ 1 \end{pmatrix} \begin{pmatrix} -\frac{1}{2} \end{pmatrix}^{1}(x) \begin{pmatrix} k \\ 2 \end{pmatrix} \begin{pmatrix} -\frac{1}{2} \end{pmatrix}^{1}(x)$$

$$(\frac{1}{2}) = -\frac{1}{2} \begin{pmatrix} k \\ 1 \end{pmatrix} \begin{pmatrix} k \\ 1 \end{pmatrix} \begin{pmatrix} -\frac{1}{2} \end{pmatrix}^{1}(x) \begin{pmatrix} k \\ 2 \end{pmatrix} \begin{pmatrix} -\frac{1}{2} \end{pmatrix}^{1}(x)$$

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$$(\frac{1}{2}) = -\frac{1}{2} \begin{pmatrix}$$

$$y(k) = -\frac{8}{2} \cdot 1(k) + \frac{8}{2} \cdot (-\frac{1}{2})^{k} \cdot 1(k) + \frac{4}{9} \cdot (\frac{1}{4})^{(-\frac{1}{2})^{100}}$$

$$+ \frac{5}{3} \cdot (\frac{1}{2}) \cdot (-\frac{1}{2})^{k} \cdot 1(k)$$

$$RISPOSTA + LL' \cdot |\Pi| \cdot |U| \cdot |S|$$

$$Y_{f}(z) = G(z) \cdot |U(z)| = \frac{1}{2} \cdot \frac{1}$$

$$G(z) = \frac{z-2}{(z+\frac{1}{2})^3}$$

$$G(z) = \frac{z-2}{z} = \frac{D_1}{z} \frac{D_2}{z+\frac{1}{2}} + \frac{D_2}{z+\frac{1}{2}} + \frac{D_2}{z+\frac{1}{2}}$$

$$D_{23} = \frac{D_2}{(z+\frac{1}{2})^3} = \frac{z}{z} + \frac{z}{z+\frac{1}{2}} + \frac{z}{(z+\frac{1}{2})^3}$$

$$G(z) = -16 + 16 = \frac{z}{z+\frac{1}{2}} + 3 = \frac{z}{(z+\frac{1}{2})^3}$$

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$$G(z) = -16 = \frac{z}{z+\frac{1}{2}} + \frac{z$$

