Physics 89 Dero Delivale Namina Prohima Express the following in (maig) form (-4) $\frac{e^{2}+e^{-2}}{2}$ $\frac{e^{1}+e^{-2}}{2}$ $\frac{e^{1}+e^{-2}}{2}$ (0) coan (-11) eig = (cos 0 + isin 0) = 2 1 1/4 = 65 1/4 + isin 1/4 $\frac{1}{\sqrt{L}} + \frac{1}{\sqrt{2}} = \frac{1+i}{\sqrt{2}}$ e it isin - Ty · 1-i

$$Coh\left(\frac{i\pi}{4}\right) = \frac{1-i}{\sqrt{2}} + \frac{1-i}{\sqrt{2}} = \frac{1}{\sqrt{2}} = \frac{1}{\sqrt{$$

$$3h(4) = e^{4} - e^{-4} = e^{i\pi l_2 + \ln(2)} - e^{i\pi l_2 + \ln(2)}$$

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$$= \frac{2i + i/2}{2} = \frac{5i}{4}$$

$$\frac{e^{i\theta} \cdot e^{-i\theta}}{2} = \frac{e^{i(\pi + i \ln(2))}}{2}, e^{i(\pi + i \ln(2))}, e^{i(\pi + i \ln(2))}.$$

$$= e^{i\pi - \ln(2)}, e^{-i\phi + \ln(2)} = \frac{e^{i\phi}}{e^{in(2)}}$$

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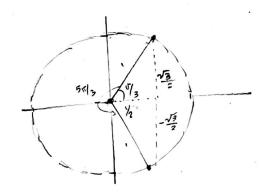
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$$\begin{cases} 1 & 2 = 2 \\ \frac{1}{3} \ln(1) = \frac{2}{3} \left(\frac{1}{3} \left(\frac{1}{3} + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \right) = \frac{2}{3} \left(\frac{1}{3} + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \left(\frac{1}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) \right) \\ = \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1) + \frac{2}{3} \ln(1)$$

(n(einh)= in/2



$$G_{5}(\sqrt[n]{3}) = \chi = \frac{1}{2}$$

$$\int_{1}^{2} \frac{2l_{3}}{2} = \frac{1}{2} \pm \frac{\sqrt{3}}{2};$$

$$S_{7}(\sqrt[n]{3}) = \chi = \frac{\sqrt{3}}{2}$$

Driver Damper Aberrarie Decitador

Mx = frin(vt) - xx - yx

0) F(+)= F(+)=feinst

Mis feist - Va - gr

b) x(+) = 2e in+

 $\frac{k^{2}-2m\omega^{2}k}{k^{2}-2m\omega^{2}k} + \frac{72\omega^{2}}{4m\omega^{2}} + \frac{72\omega^$

Integrals Use Complete #5

For constant
$$\int e^{(a+iw)x} dx$$

$$\int e^{(a+iw)x} \int e^{-ax} \left(c_{ix}(ux) + i\sin(ux) \right) dx$$

$$\int e^{ax} c_{ix}(ux) dx + i \int e^{ax} c_{ix}(ux) dx$$

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