phase-space pub.

number state. To non darric

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 $f(x) = \frac{\pi}{4|x|_{2}} \int \delta_{[n]_{1}} \left(-n | \int_{0}^{1} | n \rangle \delta_{n_{1}} x - n \xi_{2}} \right)_{2} n$ $f(x) = \frac{\pi}{4|x|_{2}} \int \delta_{[n]_{1}} \left(-n | \int_{0}^{1} | n \rangle \delta_{n_{2}} x - n \xi_{2}} \right)_{2} n$ $f(x) = \frac{\pi}{4|x|_{2}} \int \delta_{[n]_{1}} \left(-n | \int_{0}^{1} | n \rangle \delta_{n_{2}} x - n \xi_{2}} \right)_{2} n$ $= \int_{0}^{1} \int_{0}^{1}$

Pure coharent state - p = | M>< 6 |

<-u| f | u) = 2-u| b>< 6 | u)

- u| f | u) = 2-u| b>< 6 | u)

- e \frac{1}{2} ((-u) \frac{1}{2} - | u| \frac{1}{2} + 6 \frac{1}{2} \\

- e \frac{1}{2} ((-u) \frac{1}{2} - | u| \frac{1}{2} - | u| \frac{1}{2} + 6 \frac{1}{2} \\

- e \frac{1}{2} ((-u) \frac{1}{2} - | u| \frac{1}{2} - | u - 6 | \frac{2}{2} \\

- e \frac{1}{2} (-|0|^2 - |u|^2) - u^n g

<-u| f | u) = e^{-|0|^2} e^{-|u|^2} o \frac{1}{2} u - u^2 g

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- u | f | u) = e^{-|0|^2} e^{-|u|^2} o \frac{1}{2} u - u^2 g

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- u | f | u) = e^{-|0|^2} e^{-|u|^2} o \frac{1}{2} u - u^2 g

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- u | f | u) = e^{-|0|^2} e^{-|u|^2} o \frac{1}{2} u - u^2 g

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- u | f | u | u - u^2 f | u

 $\frac{1}{2} (x) = \frac{e^{|x|^2}}{\pi^2} \int e^{|u|^2} \langle -u | \hat{e} | u \rangle e^{u^2} x^{-u} x^{4} - d^2 u$ $= \frac{e^{|x|^2}}{\pi^2} \int e^{|u|^2} e^{-|9|^2} e^{-|u|^2} e^{-|u|^2} e^{-|u|^2} d^2 u$ $= \frac{e^{|x|^2 - |9|^2}}{\pi^2} \int e^{u^2} (x^{-9}) e^{-|u|^2} d^2 u$