$$\hat{E}(f) = \frac{E}{A!} (\hat{e}_{0}|\hat{e}_{1}) \hat{e}_{2} \hat{e}_{2} \hat{e}_{2} \hat{e}_{1} \hat{e}_{1} \hat{e}_{2} \hat{e}_{2} \hat{e}_{2} \hat{e}_{1} \hat{e}_{1} \hat{e}_{2} \hat{e}_{2} \hat{e}_{2} \hat{e}_{1} \hat{e}_{1} \hat{e}_{2} \hat{e}_{2} \hat{e}_{2} \hat{e}_{2} \hat{e}_{1} \hat{e}_{1} \hat{e}_{2} \hat{e}_{2$$

$$\int (z) = \frac{e^{-ibz}}{z^2 + to^2} \quad |z_0 = -it_0| \quad |\ln kgnshions geticle conkrect that belone$$

$$Res(fat|z) = \lim_{z \to -1} \frac{d}{dz} \left[ (2tib)^2 \frac{e^{-ibz}}{(2tib)(2ti)} \right]$$

$$= \lim_{z \to -1} \frac{d}{dz} \left[ \frac{z+ib}{z+ib} e^{-ibz} \right]$$

$$= \lim_{z \to -1} e^{-ibz} \left( \frac{1}{z-ib} + \frac{z+ib}{(z-ib)^2} - ib \frac{z+ib}{z-1bc} \right)$$

$$= -e^{-ikz} \left( \frac{1}{z-ib} + \frac{z+ib}{(z-ib)^2} - ib \frac{z+ib}{z-1bc} \right)$$

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$$= -e^{-ikz} \left( \frac{1}{z+ib} - \frac{z+ib}{z-ib} - \frac{z+ib}{z-ib} - ib \frac{z+ib}{z-ib} \right)$$

$$= -e^{-ikz} \left( \frac{1}{z+ib} - \frac{z+ib}{z-ib} - \frac{z+ib}{z-ib} - \frac{z+ib}{z-ib} \right)$$

$$= -e^{-ikz} \left( \frac{1}{z+ib} - \frac{z+ib}{z-ib} - \frac{z+ib}{z-ib} - \frac{z+ib}{z-ib} - \frac{z+ib}{z-ib} \right)$$

$$= -e^{-ikz} \left( \frac{1}{z+ib} - \frac{z+ib}{z-ib} - \frac{z+ib}{z-ib} - \frac{z+ib}{z-ib} - \frac{z+ib}{z-ib} - \frac{z+ib}{z-ib} - \frac{z+ib}{z-ib} \right)$$

$$= -e^{-ikz} \left( \frac{1}$$