$$\Delta/4 = \partial_z \, \bar{\partial}_z = \partial_i \, \bar{\partial}_i$$

$$e_\alpha \bowtie = \exp \frac{1}{2\nu\widetilde{\alpha}} \partial_i \, \bar{\partial}_i = \exp \frac{1}{8\nu\widetilde{\alpha}} \Delta$$

$$\underset{z}{\underbrace{e_\alpha \bowtie {}^x\mathfrak{e}_z {}^z\mathfrak{e}_y}} = {}^x\mathfrak{e}_y^{1/2\nu\widetilde{\alpha}} \, {}^x\mathfrak{e}_z \, {}^z\mathfrak{e}_y$$

$$\text{LHS} = \left(\frac{2\nu\widetilde{\alpha}}{\pi}\right)^d \int_{d\zeta}^{\mathbb{C}^d} {}^{z-\zeta}_{2\nu}\mathfrak{e}^{-\widetilde{\alpha}}_{z-\zeta} \, {}^x\mathfrak{e}_\zeta \, {}^\zeta\mathfrak{e}_y = \widetilde{\alpha}^d \, {}^x\mathfrak{e}_z \, {}^z\mathfrak{e}_y \left(\frac{2\nu}{\pi}\right)^d \int_{d\zeta}^{\mathbb{C}^d} {}^{\zeta-z}_{2\nu}\mathfrak{e}^{-\widetilde{\alpha}}_{\zeta-z} \, {}^x\mathfrak{e}_{\zeta-z} \, {}^{\zeta-z}\mathfrak{e}_y$$

$$= \widetilde{\alpha}^d \, \widetilde{\alpha}^{-d} \, {}^x\mathfrak{e}_z \, {}^z\mathfrak{e}_y \, {}^x\mathfrak{e}_y^{1/2\nu\widetilde{\alpha}} = \text{RHS}$$

$$\partial_i \, \bar{\partial}_i \, {}^x\mathfrak{e}_z \, {}^z\mathfrak{e}_y = \underbrace{\bar{\partial}_i {}^x\mathfrak{e}_z}\underbrace{\partial_i {}^z\mathfrak{e}_y} = \underbrace{(x|e_i) \, {}^x\mathfrak{e}_z}\underbrace{(e_i|y) \, {}^z\mathfrak{e}_y} = (x|y) \, {}^x\mathfrak{e}_z \, {}^z\mathfrak{e}_y$$

$$\exp t \, \partial_i \, \bar{\partial}_i \, {}^x\mathfrak{e}_z \, {}^z\mathfrak{e}_y = {}^x\mathfrak{e}_y^t \, {}^x\mathfrak{e}_z \, {}^z\mathfrak{e}_y \Longrightarrow t = \frac{1}{2\nu\widetilde{\alpha}}$$