$$\Delta = \partial_i \, \partial_i$$

$$e_\alpha \bowtie = \exp \frac{1}{4\nu\widetilde{\alpha}} \, \partial_i \, \partial_i = \exp \frac{1}{4\nu\widetilde{\alpha}} \Delta$$

$$^{x}\underbrace{e_\alpha \bowtie \mathfrak{e}_y} \; = \; {}^{y}\mathfrak{e}_y^{1/4\nu\widetilde{\alpha}} \; {}^{x}\mathfrak{e}_y$$

$$\text{LHS} \; = \left(\frac{\nu\widetilde{\alpha}}{\pi}\right)^{d/2} \int\limits_{\mathbb{R}^d}^{d\xi} {}^{x-\xi}{}_{\nu}\mathfrak{e}_{x-\xi}^{-\widetilde{\alpha}} \; {}^{\xi}\mathfrak{e}_y \; = \; \widetilde{\alpha}^{d/2} \; {}^{x}\mathfrak{e}_y \left(\frac{\nu}{\pi}\right)^{d/2} \int\limits_{\mathbb{R}^d}^{d\xi} {}^{\xi-x}{}_{\nu}\mathfrak{e}_{\xi-x}^{-\widetilde{\alpha}} \; {}^{\xi-x}\mathfrak{e}_y \; = \; \widetilde{\alpha}^{d/2} \, \widetilde{\alpha}^{-d/2} \; {}^{x}\mathfrak{e}_y \; {}^{y/2}{}_{\nu}\mathfrak{e}_{y/2}^{1/\widetilde{\alpha}} \; = \; \text{RHS}$$

$$\partial_i \, \partial_i \; {}^{x}\mathfrak{e}_y = \sum_i \left(y|e_i\right) \left(e_i|y\right) \; {}^{x}\mathfrak{e}_y = \left(y|y\right) \; {}^{x}\mathfrak{e}_y$$

$$\underbrace{\exp t\partial_i\partial_i} \, \mathfrak{e}_y \; = \; {}^{y}\mathfrak{e}_y^{t} \; \mathfrak{e}_y \Longrightarrow t = \frac{1}{4\nu\widetilde{\alpha}}$$