$$ {}^{\mathbb{C}}\triangle^{2}_{\omega}\mathbb{C} = \frac{\urcorner \in {}^{\mathbb{C}}\triangle_{\omega}\mathbb{C}}{\int\limits_{dw/\pi}^{\mathbb{C}} \mathfrak{e}^{-w\bar{w}} \left\lceil {}^{w}\urcorner \right\rceil^{2} < +\infty} $$

$$ \urcorner \ast \daleth = \int\limits_{dw/\pi}^{\mathbb{C}} \mathfrak{e}^{-w\bar{w}}\ {}^{w}\bar{\urcorner}\ {}^{w}\daleth $$

$$ {}^{\mathbb{C}}\triangle^{2}_{\omega}\mathbb{C} \ni \mathfrak{e}^{z\bar{w}} $$

$$ {}^{z}\llcorner^{n} = \frac{z^{n}}{\sqrt{n!}} \text{ ONB} $$

$$ {}^{z}\mathcal{E}_{w} = \mathfrak{e}^{z\bar{w}} $$

$$ \text{LHS } = \sum_{n}^{\mathbb{N}} {}^{z}\llcorner^{n}\ {}^{w}\bar{\llcorner}^{n} = \sum_{n}^{\mathbb{N}} \frac{z^{n}}{\sqrt{n!}} \frac{\bar{w}^{n}}{\sqrt{n!}} = \sum_{n}^{\mathbb{N}} \frac{z^{n}\bar{w}^{n}}{n!} = \text{ RHS} $$

$$ \int\limits_{d\zeta/\pi}^{\mathbb{C}} \mathfrak{e}^{-\zeta\bar{\zeta}}\ \mathfrak{e}^{z\bar{\zeta}}\ \mathfrak{e}^{\zeta\bar{w}} = \mathfrak{e}^{z\bar{w}} $$

$$ \int\limits_{d\zeta/\pi}^{\mathbb{C}} \mathfrak{e}^{-\zeta\bar{\zeta}}\ \mathfrak{e}^{z\bar{\zeta}}\ \mathfrak{e}^{\zeta\bar{z}} = \int\limits_{d\zeta/\pi}^{\mathbb{C}} \mathfrak{e}^{-(\zeta - z)\overline{\zeta - z}}\ \mathfrak{e}^{z\bar{z}} = \mathfrak{e}^{z\bar{z}} \int\limits_{d\zeta/\pi}^{\mathbb{C}} \mathfrak{e}^{-(\zeta - z)\overline{\zeta - z}} = \mathfrak{e}^{z\bar{z}} $$

$$ \text{LHS } = \int\limits_{d\zeta/\pi}^{\mathbb{C}} \mathfrak{e}^{-\zeta\bar{\zeta}} \sum_{m}^{\mathbb{N}} \frac{\left(z\bar{\zeta}\right)^{m}}{m!} \sum_{n}^{\mathbb{N}} \frac{\left(\zeta\bar{w}\right)^{n}}{n!} = \sum_{m}^{\mathbb{N}} \frac{z^{m}}{m!} \sum_{n}^{\mathbb{N}} \frac{\bar{w}^{n}}{n!} \int\limits_{d\zeta/\pi}^{\mathbb{C}} \mathfrak{e}^{-\zeta\bar{\zeta}}\ \bar{\zeta}^{m}\ \zeta^{n} = \sum_{m}^{\mathbb{N}} \frac{1}{m!} \sum_{n}^{\mathbb{N}} \frac{1}{n!} \delta_{m}^{n} n! = \text{ RHS} $$

$$ {}^{z}\overline{\mathcal{P}\urcorner} = {}^{z}\overline{\mathcal{E} \mathop{|}_{\mathbb{C}} \urcorner} = {}^{z}\mathcal{E} \mathop{|}_{\mathbb{C}} \urcorner = \int\limits_{dz/\pi}^{\mathbb{C}} e^{-w\bar{w}}\ {}^{z}\mathcal{E}_{w}\ {}^{w}\urcorner $$

$$ {}^{z}\rceil = \int_{dw/\pi}^{\mathbb{C}} \mathfrak{e}^{-w\bar{w}}\ \mathfrak{e}^{z\bar{w}}\ {}^{w}\rceil = \mathcal{E}_z \maltese\rceil $$

$$ {}^{z}\rceil = z^{n}\ {}_{n}\rceil \sum_{n}^{\mathbb{N}} $$

$$ \overset{2}{\ulcorner {}_{n}\rceil \urcorner} \sum_{n}^{\mathbb{N}} < +\infty $$

$$ \int_{dw/\pi}^{\mathbb{C}} \mathfrak{e}^{-w\bar{w}}\ \mathfrak{e}^{z\bar{w}}\ {}^{w}\rceil = \int_{dw/\pi}^{\mathbb{C}} \mathfrak{e}^{-w\bar{w}}\ \mathfrak{e}^{z\bar{w}}\ \underbrace{w^{n}\ {}_{n}\rceil \sum_{n}^{\mathbb{N}}} = \underbrace{\int_{dw/\pi}^{\mathbb{C}} \mathfrak{e}^{-w\bar{w}} \mathfrak{e}^{z\bar{w}} w^{n}}\ {}_{n}\rceil \sum_{n}^{\mathbb{N}} $$

$$ = \sum_{m}^{\mathbb{N}} \frac{z^{m}}{m!} \int_{dw/\pi}^{\mathbb{C}} \mathfrak{e}^{-w\bar{w}}\ \bar{w}^{m}\ w^{n}\ {}_{n}\rceil \sum_{n}^{\mathbb{N}} = \sum_{m}^{\mathbb{N}} \frac{z^{m}}{m!} \delta_{m}^{n} n!\, {}_{n}\rceil \sum_{n}^{\mathbb{N}} = \frac{z^{n}}{n!}\, {}_{n}\rceil n! \sum_{n}^{\mathbb{N}} = z^{n}\ {}_{n}\rceil \sum_{n}^{\mathbb{N}} = {}^{z}\rceil $$