

$$\gamma \in {}^{D_{\mathbb{C}}} \Delta_{\mathbb{C}} \Rightarrow {}^0 \overbrace{\mathbb{B}_{\nu} \hat{\gamma}} = I_{\nu} \boxtimes \gamma$$

$$\begin{aligned} \text{LHS} &= c_{\nu} \int_{dx}^{D_{\mathbb{R}}} {}^x \Delta_x^{(\nu-p)/2} {}^x \gamma = c_{\nu} \int_{dx}^{D_{\mathbb{R}}} {}^x \Delta_x^{-p/2} {}^x \Delta_x^{\nu/2} {}^x \gamma \\ &= c_{\nu} \int_{dx}^{D_{\mathbb{R}}} {}^x \Delta_x^{-p/2} {}^x \widehat{\mathcal{T}_{\nu}^* \gamma} = 1 \boxtimes \underbrace{\mathcal{T}_{\nu}^* \gamma}_{\mathcal{T}_{\nu} 1} = \underbrace{\mathcal{T}_{\nu} 1}_{\nu} \boxtimes \gamma = \text{RHS} \end{aligned}$$

$$\mathcal{B}^{\nu} = \sum_{\kappa} \frac{\partial K_{\partial}^{\kappa}}{(\nu)_{\kappa}} = \sum_{\kappa} \frac{\partial: \bar{\partial} K_{\mathbb{C}}^{\kappa}}{(\nu)_{\kappa}}$$

$$\gamma \in {}^Z \Delta_{\mathbb{C}} \Rightarrow {}^0 \overbrace{\mathcal{B}_{\kappa}^{\nu} \hat{\gamma}} = {}^0 \overbrace{\mathcal{B}^{\nu} \hat{\gamma}}$$

$$\begin{aligned} {}^z I_{\nu} &= \sum_{\kappa} A_{\nu}^{\kappa} {}^z p_{\mathbb{C}}^{\kappa} \Rightarrow {}^0 \mathcal{B}_{\kappa}^{\nu} = A_{\nu}^{\kappa} \frac{p_{\mathbb{C}}^{\kappa} \boxtimes p_{\mathbb{C}}^{\kappa}}{p_{\mathbb{C}}^{\kappa} \mathbb{C} p_{\mathbb{C}}^{\kappa}} {}^d p_{\mathbb{R}}^{\kappa} \\ {}^0 \mathcal{B}_{\kappa}^{\nu} &= c_{\nu}^{\kappa} {}^d p_{\mathbb{R}}^{\kappa} \Rightarrow A_{\nu}^{\kappa} p_{\mathbb{C}}^{\kappa} \boxtimes p_{\mathbb{C}}^{\kappa} = I_{\nu} \boxtimes p_{\mathbb{C}}^{\kappa} = {}^0 \overbrace{\mathcal{B}^{\nu} \hat{p}_{\mathbb{C}}^{\kappa}} = {}^0 \overbrace{\mathcal{B}^{\nu} p_{\mathbb{R}}^{\kappa}} \\ &= {}^0 \overbrace{\mathcal{B}^{\nu} p_{\mathbb{R}}^{\kappa}} = {}^0 \overbrace{\mathcal{B}_{\kappa}^{\nu} p_{\mathbb{R}}^{\kappa}} = c_{\nu}^{\kappa} {}^0 \overbrace{d p_{\mathbb{R}}^{\kappa} p_{\mathbb{R}}^{\kappa}} = c_{\nu}^{\kappa} {}^0 \overbrace{d p_{\mathbb{C}}^{\kappa} p_{\mathbb{C}}^{\kappa}} = c_{\nu}^{\kappa} p_{\mathbb{C}}^{\kappa} \boxtimes p_{\mathbb{C}}^{\kappa} \end{aligned}$$

$$\mathcal{B}_{\nu} = \sum_{\mu} \frac{\partial E_{\partial}^{\mu}}{(\nu)_{\mu}}$$

$$A_\nu^\varkappa = d_\varkappa^X \frac{(\nu_{\mathbb{R}})_\varkappa}{(d_X/r)_\varkappa}$$

$$x \in X \subset Z_{\mathbb{R}} \subset Z_{\mathbb{C}} \Rightarrow {}^x I_\nu = {}^{e-x^2} \Delta^{-\nu_{\mathbb{R}}} = \sum_{\varkappa} (\nu_{\mathbb{R}})_\varkappa {}^x K_x^\varkappa = \sum_{\varkappa} d_\varkappa^X \frac{(\nu_{\mathbb{R}})_\varkappa}{(d_X/r)_\varkappa} {}^{x^2} \Phi^\varkappa$$

$${}^0 \mathcal{B}_\varkappa^\nu = d_\varkappa^X \frac{p_{\mathbb{C}}^{\varkappa_{\mathbb{C}}} \cancel{\nu} p_{\mathbb{C}}^{\varkappa_{\mathbb{C}}}}{p_{\mathbb{C}}^{\varkappa_{\mathbb{C}}} \cancel{\mathbb{C}} p_{\mathbb{C}}^{\varkappa_{\mathbb{C}}}} \frac{(\nu_{\mathbb{R}})_\varkappa}{(d_X/r)_\varkappa} {}^d p_{\mathbb{R}}^{\varkappa_{\mathbb{C}}}$$

$$\text{real simple } {}^x_{\mathbb{C}} E^\mu = {}^x_{\mathbb{C}^X} E_e^\mu : \quad \mu_{\mathbb{C}} = \mu$$

$$\text{complex simple } {}^x_{\mathbb{C}} E^\mu = {}^x_X \Delta^j {}^x_{\mathbb{C}^X} E_x^\mu : \quad \mu_{\mathbb{C}} = 2\mu + (j \cdots j)$$

$$\text{real double } {}^x_{\mathbb{C}} E^\mu = {}^x_{\mathbb{C}^X} E_x^\mu : \quad \mu_{\mathbb{C}} = \mu | \mu$$

$$\text{complex double } {}^{z:\bar{w}}_{\mathbb{C}} E^\mu = {}^z_Z E_w^\mu : \quad \mu_{\mathbb{C}} = \mu | \mu$$