

$$P_{\Delta_w^2 \mathbb{C}}^{\mathbb{C}}$$

$$\gamma_{\nu}^{\times} \gamma = \frac{\Gamma_{\nu}}{\Gamma_{\nu-d/r}} \int_{dw/\pi^d}^{B_{\mathbb{C}}} w^{\bar{\gamma}} w^{\gamma} \Delta_w^{\nu-2d/r}$$

$${}^z P_w^{\nu} = {}^{z+\bar{w}} \Delta^{-\nu}$$

$$\underline{z-e} \overline{z+e}^{-1} = \underline{z+e-2e} \overline{z+e}^{-1} = e-2 \overline{z+e}^{-1}$$

$$P_{L \Delta_w^2 \mathbb{C}}^{\mathbb{C}} \ni {}^z P_{\mathbb{C}}^{\nu} = {}^{e+z} \Delta^{-\nu} \underline{z-e} \overline{z+e}^{-1} Z_e^{\times}$$

$$P_{\Delta_w^2 \mathbb{C}}^{\mathbb{C}} \xleftarrow[\text{symm}]{P_{\mathbb{C}}^{\nu} P} P_{\Delta_w^2 \mathbb{C}}^{\mathbb{C}}$$

$$\underline{{}^z P_{\mathbb{C}}^{\nu} P \gamma} = {}^z \Delta^{-\nu} z^{-1} \gamma$$