

$${}^1\mathbb{C}_d \triangleleft_m^2 \mathbb{C} \subset {}^1\mathbb{C}_d \triangleleft_m^2 \mathbb{C}$$

$$\gamma_{\mathbb{R}} \dot{\gamma} = (\nu - 1) \cdots (\nu - d) \int_{{}^1\mathbb{C}_d} \frac{d\bar{z}dz}{(2\pi i)^d} \frac{\nu - d - 1}{1 - z\bar{z}^*} z^* \dot{\gamma} = \Gamma_\nu \int_{{}^1\mathbb{C}_d} \frac{d\bar{z}dz}{(2\pi i)^d} \frac{\nu - d - 1}{\Gamma_{\nu - d}} z^* \dot{\gamma}$$

$${}^2\mathbb{P}_m^2 = \int_{{}^1\mathbb{C}_d} \frac{d\bar{z}dz}{(2\pi i)^d} z^* \dot{\gamma}$$

$${}^z\overline{\mathcal{P}_\nu \mathbb{J}} = \int_{{}^1\mathbb{C}_d} \frac{d\bar{w}dw}{(2\pi i)^d} \frac{\nu - d - 1}{1 - w\bar{w}^*} \frac{\Gamma_\nu}{\Gamma_{\nu - d}} \frac{1}{1 - z\bar{w}^*} w \mathbb{J}$$