$$\mathcal{P}(Z) \text{ poly alg}$$

$$p|q = \left(\partial_p q\right)(0) = \frac{1}{(2\pi i)^d} \int\limits_{d\bar{z}\,dz}^{Z} e^{-z|z}\, \overline{{}^z p}\; {}^z q$$

$$\text{Bargman } H^2(Z) = \frac{\daleth \in \mathcal{O}(Z)}{\frac{1}{(2\pi i)^d} \int\limits_{d\bar{z}dz}^{Z} e^{-z|z} \left\lceil {}^z\daleth \right\rceil^2 < +\infty}$$

$$\text{repro } K(z{:}w) = e^{z|w}$$

$$U_\nu\left(\mathsf{t}_b\right)\psi(z) = e^{z|b}\psi(z-b)$$

$$\text{K action } U_k\psi(z) = \psi\left(k^{-1}z\right)$$

$$\text{deco } \mathcal{P}(Z) = \sum_{\mathbb{N}_+^r}^{\mu} \mathcal{P}_\mu(Z) \text{ mult-free}$$

$$e^{z|w} = \sum_{\mathbb{N}_+^r}^{\mu} K_\mu(z{:}w)$$

$$\hbar = 1/\nu: \quad \nu > 0: \quad d\mu_\nu(z) = \frac{1}{(2\pi i)^d} d\bar{z}\,dz\,e^{-\nu z|z}$$

$$\text{weighted Bargman } H_\nu^2(Z) = \frac{\daleth \in \mathcal{O}(Z)}{\frac{1}{(2\pi i)^d} \int\limits_{d\bar{z}dz}^{Z} e^{-\nu z|z} \left\lceil {}^z\daleth \right\rceil^2 < +\infty}$$

$$\text{repro } K_\nu(z{:}w) = e^{\nu z|w}$$

$${}^z\daleth = \frac{1}{(2\pi i)^d} \int\limits_{d\bar{w}\,dw}^{Z} e^{-\nu w|w}\, e^{\nu z|w}\; {}^w\daleth$$