

$$\int_{d\zeta}^{\mathbb{C}_r} \zeta \mathbf{1} = \int_{ds}^{\mathbb{R}_>} s^{2r-1} \int_{d\theta}^{\mathbb{S}_{2r-1}} s^\theta \mathbf{1}$$

$$\int_{dy}^{Z_1} y \mathbf{1} = \int_{dt}^{\mathbb{R}_>} t^{r-1} \int_{du}^{S_1} tu \mathbf{1}$$

$$\xi \sim -\xi$$

$$\overline{-\xi} = \overline{-\xi} = \xi \xi$$

$$Z_1^{\mathbb{R}} = \mathbb{C}_r \sqcup \mathbb{R}^{\cup}$$

$$S_1^{\mathbb{R}} = \mathbb{S}_{2r-1} \sqcup \mathbb{R}^{\cup}$$

$$\varphi \sim -\varphi$$

$$\overline{-\varphi} = \overline{-\varphi} = \varphi \varphi$$

$${}^x \mathbf{1} = e^{-\sqrt{x} \overline{x}/2} {}^x \mathbf{1}$$

$${}^x \mathbf{1} = \int_{dy}^{Z_1} {}^x E_y^{\mathbb{R}} {}^y \mathbf{1}$$

$$e^{-\sqrt{x} \overline{x}/2} {}^x \mathbf{1} = \int_{dy}^{Z_1} {}^x E_y^{\mathbb{R}} e^{-\sqrt{y} \overline{y}/2} {}^y \mathbf{1}$$

$${}^x \mathbf{1} = \int_{dy}^{Z_1} e^{\sqrt{x} \overline{x}/2} {}^x E_y^{\mathbb{R}} e^{-\sqrt{y} \overline{y}/2} {}^y \mathbf{1} = \int_{dy}^{Z_1} \underbrace{e^{\sqrt{x} \overline{x}/2} {}^x E_y^{\mathbb{R}} e^{\sqrt{y} \overline{y}/2}}_{\text{sesqui-hol}} e^{-\sqrt{y} \overline{y}} {}^y \mathbf{1}$$

$$e^{\sqrt{x \star x}/2} {}^x E_y^{\mathbb{R}} e^{\sqrt{y \star y}/2} = \sum_m \frac{x \star y}{(2m)!}$$

$$\xi \mathbb{1} = \int_{d\sigma}^{\mathbb{C}_r} e^{\xi \bar{\sigma}} e^{-\sigma \bar{\sigma}} \sigma \mathbb{1} = \int_{d\sigma}^{\mathbb{C}_r} e^{\overline{\xi - \sigma \bar{\sigma}} \sigma} \mathbb{1}$$

$$e^{\xi \bar{\alpha}} = \int_{d\sigma}^{\mathbb{C}_r} e^{\xi \bar{\sigma}} e^{-\sigma \bar{\sigma}} e^{\sigma \bar{\alpha}}: \quad \overbrace{\xi \bar{\alpha}}^m = \int_{d\sigma}^{\mathbb{C}_r} e^{\xi \bar{\sigma}} e^{-\sigma \bar{\sigma}} \overbrace{\sigma \bar{\alpha}}^m$$

$$x = \overset{t}{\xi} \xi: \quad y = \overset{t}{\sigma} \sigma: \quad c = \overset{t}{\alpha} \alpha$$

$$x \star c = \text{tr } x \bar{c} = \text{tr } \overset{t}{\xi} \xi \bar{\alpha} \bar{\alpha} = \overbrace{\xi \bar{\alpha}}^2: \quad y \star c = \text{tr } y \bar{c} = \text{tr } \overset{t}{\sigma} \sigma \bar{\alpha} \bar{\alpha} = \overbrace{\sigma \bar{\alpha}}^2$$

$$x \star y = \text{tr } x \bar{y} = \text{tr } \overset{t}{\xi} \xi \bar{\sigma} \bar{\sigma} = \overbrace{\xi \bar{\sigma}}^2$$

$$e^{-\sigma \bar{\sigma}} = e^{-\sqrt{y \star y}}$$

$$x \star c = \overbrace{\xi \bar{\alpha}}^{2m} = \overbrace{\xi \bar{\alpha}}^{2m} \frac{1}{2} \overbrace{-\xi \bar{\alpha}}^{2m} = \int_{d\sigma}^{\mathbb{C}_r} e^{-\sigma \bar{\sigma}} \overbrace{e^{\xi \bar{\sigma}} \frac{1}{2} e^{-\xi \bar{\sigma}} \sigma \bar{\alpha}}^{2m} = \int_{d\sigma}^{\mathbb{C}_r} e^{-\sqrt{y \star y}} \overbrace{e^{\xi \bar{\sigma}} \frac{1}{2} e^{-\xi \bar{\sigma}} y \star c}^{2m}$$

$$e^{\xi \bar{\sigma}} \frac{1}{2} e^{-\xi \bar{\sigma}} = \sum_n \frac{\overbrace{\xi \bar{\sigma}}^n}{n!} \frac{1}{2} \sum_n \frac{\overbrace{-\xi \bar{\sigma}}^n}{n!} = \sum_m \frac{\overbrace{\xi \bar{\sigma}}^{2m}}{(2m)!} = \sum_m \frac{x \star y}{(2m)!}$$