

$$X = {}^n\mathbb{R}_n$$

$$\Gamma_\lambda^\Omega = \prod_i \Gamma_{\lambda_i - (i-1)/2}$$

$$\Gamma_{(n-s)/2}^\Omega \int_{dx}^{n\mathbb{R}_n} x \Delta^{s-n} x \eta = \Gamma_{s/2}^\Omega \int_{d\xi}^{n\mathbb{R}_n} \nabla_\xi^{-s} \eta_\xi$$

$$\Gamma_{(n-s)/2}^\Omega = \prod_i \Gamma_{(n-s)/2 - (i-1)/2} = \prod_i \Gamma_{(n+1-i-s)/2}$$

$$\Gamma_{s/2}^\Omega = \prod_i \Gamma_{s/2 - (i-1)/2} = \prod_i \Gamma_{(s+1-i)/2}$$

$$\frac{\Gamma_{(n-s)/2}^\Omega}{\Gamma_{s/2}^\Omega} \int_{dx}^{n\mathbb{R}_n} x \Delta^{s-n} x \eta = \frac{\Gamma_{(n-s)/2}^\Omega}{\Gamma_{s/2}^\Omega} \int_{dx}^{n\mathbb{R}_n} x \Delta^{-n} x \Delta^s x \eta \stackrel{\text{GB}}{=} \int_{d\xi}^{n\mathbb{R}_n} \nabla_\xi^{-n} \nabla_\xi^{n-s} \eta_\xi = \int_{d\xi}^{n\mathbb{R}_n} \nabla_\xi^{-s} \eta_\xi$$

$$\eta \star \eta = \int_{\mathbb{R}_n} \bar{\eta}_\xi \eta_\xi \nabla_\xi^{-s} \int_{n\mathbb{R}_n} \frac{d\xi}{dx} = \int_{dx} \overline{x e_\xi^{-ix} \eta} \int_{dy} y e_\xi^{-iy} \eta \nabla_\xi^{-s} \int_{n\mathbb{R}_n} \frac{d\xi}{dx} = \int_{dx} x \bar{\eta} \int_{dy} y \eta x^{-y} e_\xi^i \nabla_\xi^{-s} \int_{n\mathbb{R}_n} \frac{d\xi}{dx} = \int_{dx} x \bar{\eta} \int_{dy} y \eta x^{-y} \Delta^{s-n}$$

$$x e_\xi^i \nabla_\xi^{-s} \int_{n\mathbb{R}_n} \frac{d\xi}{dx} = x \Delta^{N-s}$$

$$\eta \star_\pm \eta = \int_{\mathbb{R}_n} \bar{\eta}_\xi \eta_\xi \nabla_\xi^{-s} \int_{\pm n\mathbb{R}_n} \frac{d\xi}{dx} = \int_{dx} \overline{x e_\xi^{-ix} \eta} \int_{dy} y e_\xi^{-iy} \eta \nabla_\xi^{-s} \int_{\pm n\mathbb{R}_n} \frac{d\xi}{dx} = \int_{dx} x \bar{\eta} \int_{dy} y \eta x^{-y} e_\xi^i \nabla_\xi^{-s} \int_{\pm n\mathbb{R}_n} \frac{d\xi}{dx} = \int_{dx} x \bar{\eta} \int_{dy} y \eta x^{-y} \Delta^{s-n}$$

$$X = {}^n\mathbb{C}_n$$

$$\eta \star \eta = \int_{dx} x \bar{\eta} \int_{dy} y \eta x^{-y} \Delta^{s-2n} = \int_{\mathbb{R}_n} \bar{\eta}_\xi \eta_\xi \nabla_\xi^{-s} \int_{n\mathbb{R}_n} \frac{d\xi}{dx} = \int_{dx} \overline{x e_\xi^{-ix} \eta} \int_{dy} y e_\xi^{-iy} \eta \nabla_\xi^{-s} \int_{n\mathbb{R}_n} \frac{d\xi}{dx} = \int_{dx} x \bar{\eta} \int_{dy} y \eta x^{-y} e_\xi^i \nabla_\xi^{-s} \int_{n\mathbb{R}_n} \frac{d\xi}{dx}$$

$$\frac{a \mid b}{c \mid d} \in {}_2\mathbb{C}_n$$

$$\overbrace{\frac{a \mid b}{c \mid d}}^x \times_s \eta = \overbrace{\frac{-1}{a+xc} b+xd}^{\eta} \eta^{a+xc} \Delta^{-2n-s}$$