

$$r_i = n - i$$

$$2r_1 + 1 = 2n - 1$$

$$\frac{\Gamma_{\lambda+n-1/2+t/2}^{\Omega}}{\Gamma_{\lambda+n-1/2-t/2}^{\Omega}} = \prod_i \frac{\Gamma_{\lambda_i-i+n+1/2+t/2}}{\Gamma_{\lambda_i-i+n+1/2-t/2}} = \prod_i \frac{\Gamma_{\ell_i+1/2+t/2}}{\Gamma_{\ell_i+1/2-t/2}} = \prod_i \frac{\Gamma_{\ell_i+1-\lambda-n}}{\Gamma_{\ell_i+\lambda+n}}$$

$$\ell_i = \lambda_i - i + n$$

$$\gamma_{\mathbb{N}}^{\frac{t}{N}} \mathfrak{r} = \int_{dx}^{n\mathbb{R}_n^{\mathfrak{U}}} \int_{dy}^{n\mathbb{R}_n^{\mathfrak{U}}} \overline{x-y} \Delta^{1-2n-t} x \bar{\gamma} y \mathfrak{r}$$

$$\overbrace{\frac{a}{c} \mid \frac{b}{d}}^z \mathfrak{r} = \overbrace{\frac{-1}{a+zc} \mid \frac{b+zd}{a+zc}}^{-1} \mathfrak{r} \overbrace{\Delta}^{t-1-2n}$$