

$$\frac{a}{c}\left|\begin{matrix} b \\ d \end{matrix}\right.\in {}_{2:2}^n\mathbb{R}_n^{\text{U}}$$

$$\frac{1-t}{2}=s+n$$

$$\overbrace{\frac{a}{c}\left|\begin{matrix} b \\ d \end{matrix}\right.\mathbb{X}\gamma}^x=\overbrace{\frac{-1}{a+xc}\frac{b+xd}{\gamma}}^{\frac{n}{2}\mathbb{R}_n^{\text{U}}}\gamma^{a+xc}\Delta^{1-2n-s}=\overbrace{\frac{-1}{a+xc}\frac{b+xd}{\gamma}}^{\frac{n}{2}\mathbb{R}_n^{\text{U}}}\gamma^{a+xc}\Delta^{(1+t)/2-n}$$

$$\gamma\mathbb{X}^s\gamma=\int\limits_{dz}^{^{\frac{n}{2}\mathbb{R}_n^{\text{U}}}}z\overline{\gamma}\int\limits_{dw}^{^{\frac{n}{2}\mathbb{R}_n^{\text{U}}}}w\gamma^{e-z\hat{w}}\overline{\Delta}^s=\int\limits_{dz}^{^{\frac{n}{2}\mathbb{R}_n^{\text{U}}}}z\overline{\gamma}\int\limits_{dw}^{^{\frac{n}{2}\mathbb{R}_n^{\text{U}}}}w\gamma^{e-z\hat{w}}\overline{\Delta}^{(1-t)/2-n}$$

$$\frac{\Gamma_{\ell_i-s-n+1}}{\Gamma_{\ell_i+s+n}}=\frac{\Gamma_{\ell_i+\left(t-1\right)/2+1}}{\Gamma_{\ell_i+\left(1-t\right)/2}}=\frac{\Gamma_{\lambda_i+n-i+\left(1+t\right)/2}}{\Gamma_{\lambda_i+n-i+\left(1-t\right)/2}}$$