$$\Delta_\lambda(x) = \Delta_1(x)^{\lambda_1 - \lambda_2} \cdots \Delta_2(x)^{\lambda_2 - \lambda_3} \cdots \Delta_r(x)^{\lambda_r} \quad \text{conical funct}$$

$$\Gamma_\Omega(\lambda) = \int_{dx}^{\Omega} e^{-e|x} \, \Delta_{\lambda - d/r}(x) = \sqrt{2\pi}^{d-r} \prod_{1 \leqslant j \leqslant r} \Gamma\left(\lambda_j - \frac{a}{2}(j-1)\right)$$