$$
{}^{0}\overbrace{e_{\lambda}}^{\alpha} = \int_{d\mu_{0}^{\mathbb{R}}(\zeta)}^{\mathbb{R}\nabla Z} e_{\lambda}(\zeta)\; {}^{0}\overbrace{\zeta}^{\alpha} = \int_{d\mu_{0}^{\mathbb{R}}(\zeta)}^{\mathbb{R}\nabla Z} e_{\lambda}(\zeta)\; \overbrace{\frac{{}^{\zeta}\Delta_{\zeta}}{{}^{\alpha\zeta}\Delta_{\zeta}}}^{\nu} = \frac{\Gamma_{n/2}\Gamma_{\nu-\varrho+\lambda}\Gamma_{\nu-\varrho-\lambda}}{\Gamma_{n/2+\nu-2\varrho}\Gamma_{\nu}}^{\alpha} \begin{bmatrix} \nu-\varrho+\lambda \vert \nu-\varrho-\lambda \\ n/2+\nu-2\varrho \end{bmatrix} \overbrace{1-\alpha}^{\lambda-\varrho+2\nu}
$$

$$
F(\alpha) = \overbrace{1-\alpha}^{\varrho-\lambda-2\nu} \int_{d\mu_{0}^{\mathbb{R}}(\zeta)}^{\mathbb{R}\nabla Z} e_{\lambda}(\zeta)\; {}^{\zeta}\Delta_{\zeta}^{\nu}\; {}^{\alpha\zeta}\Delta_{\zeta}^{-\nu} = \frac{\Gamma_{n/2}\Gamma_{\nu-\varrho+\lambda}\Gamma_{\nu-\varrho-\lambda}}{\Gamma_{n/2+\nu-2\varrho}\Gamma_{\nu}}^{\alpha} \begin{bmatrix} \nu-\varrho+\lambda \vert \nu-\varrho-\lambda \\ n/2+\nu-2\varrho \end{bmatrix}
$$

$$
\Longrightarrow \alpha\overbrace{1-\alpha}\, \underline{\underline{F}}(\alpha) + \left(n/2+\nu-2\varrho-\alpha\left(2\nu-2\varrho+1\right)\right) \underline{F}(\alpha) = \left(\nu-\varrho+\lambda\right)\left(\nu-\varrho-\lambda\right) F(\alpha)
$$

$$
\partial_{\alpha}\left(\overbrace{1-\alpha}^{-\sigma}\overbrace{1-\alpha x}^{-\nu}\right) = \sigma\overbrace{1-\alpha}^{-\sigma-1}\overbrace{1-\alpha x}^{-\nu} + \nu\overbrace{1-\alpha}^{-\sigma} x \overbrace{1-\alpha x}^{-\nu-1}
$$

$$
\overset{2}{\partial}_{\alpha}\left(\overbrace{1-\alpha}^{-\sigma}\overbrace{1-\alpha x}^{-\nu}\right) = \sigma(\sigma+1)\overbrace{1-\alpha}^{-\sigma-2}\overbrace{1-\alpha x}^{-\nu} + 2\sigma\nu\overbrace{1-\alpha}^{-\sigma-1} x \overbrace{1-\alpha x}^{-\nu-1} + \nu(\nu+1)\overbrace{1-\alpha}^{-\sigma}\overset{2}{x}\overbrace{1-\alpha x}^{-\nu-2}
$$

$$
0 = \alpha\overbrace{1-\alpha}\left(\sigma(\sigma+1)\overbrace{1-\alpha}^{-\sigma-2}\overbrace{1-\alpha x}^{-\nu} + 2\sigma\nu\overbrace{1-\alpha}^{-\sigma-1} x \overbrace{1-\alpha x}^{-\nu-1} + \nu(\nu+1)\overbrace{1-\alpha}^{-\sigma}\overset{2}{x}\overbrace{1-\alpha x}^{-\nu-2}\right)
$$

$$
+ (A+\alpha B)\left(\sigma\overbrace{1-\alpha}^{-\sigma-1}\overbrace{1-\alpha x}^{-\nu} + \nu\overbrace{1-\alpha}^{-\sigma} x \overbrace{1-\alpha x}^{-\nu-1}\right) + C\overbrace{1-\alpha}^{-\sigma}\overbrace{1-\alpha x}^{-\nu}
$$

$$
= \alpha\left(\sigma(\sigma+1)\overbrace{1-\alpha}^{-\sigma-1}\overbrace{1-\alpha x}^{-\nu} + 2\sigma\nu\overbrace{1-\alpha}^{-\sigma} x \overbrace{1-\alpha x}^{-\nu-1} + \nu(\nu+1)\overbrace{1-\alpha}^{1-\sigma}\overset{2}{x}\overbrace{1-\alpha x}^{-\nu-2}\right)
$$

$$
+ (A+\alpha B)\left(\sigma\overbrace{1-\alpha}^{-\sigma-1}\overbrace{1-\alpha x}^{-\nu} + \nu\overbrace{1-\alpha}^{-\sigma} x \overbrace{1-\alpha x}^{-\nu-1}\right) + C\overbrace{1-\alpha}^{-\sigma}\overbrace{1-\alpha x}^{-\nu}
$$

$$
\underset{\text{divide } (1-\alpha)^{-\sigma-1}}{\Longrightarrow} 0 = \alpha\left(\sigma(\sigma+1)\overbrace{1-\alpha x}^{-\nu} + 2\sigma\nu\overbrace{1-\alpha}\, x \overbrace{1-\alpha x}^{-\nu-1} + \nu(\nu+1)\overbrace{1-\alpha}^{2}\overset{2}{x}\overbrace{1-\alpha x}^{-\nu-2}\right)
$$

$$
+ (A+\alpha B)\left(\sigma\overbrace{1-\alpha x}^{-\nu} + \nu\overbrace{1-\alpha}\, x \overbrace{1-\alpha x}^{-\nu-1}\right) + C\overbrace{1-\alpha}\,\overbrace{1-\alpha x}^{-\nu}
$$