1 Example `FoxH32-21-Z-Star.wls`

File content

Fox H-function

$$H_{2,3}^{2,1}\left(\cdot \left|\begin{array}{c} (1,1)\,,(1,\beta) \\ \\ \left(\frac{d}{2},\frac{\alpha}{2}\right),(1,1)\,,\left(1,\frac{\alpha}{2}\right) \end{array}\right.\right)$$

$$H_{2,3}^{2,1}\left(\cdot \left|\begin{array}{c|c} (1,1) & (1,\beta) \\ \hline \left(\frac{d}{2},\frac{\alpha}{2}\right),(1,1) & \left(1,\frac{\alpha}{2}\right) \end{array}\right.\right)$$

Summary

$$a^* = 2 - \beta$$
$$\Delta = \alpha - \beta$$
$$\delta = 2^{-\alpha}\left(2^{\alpha/2}\alpha^{\alpha/2} + \alpha^{\alpha}\right)\beta^{-\beta}$$
$$\mu = \frac{d-1}{2}$$
$$a_1^* = \frac{1}{2}(\alpha - 2\beta + 2)$$
$$a_2^* = 1 - \frac{\alpha}{2}$$
$$\xi = \frac{d}{2}$$
$$c^* = \frac{1}{2}$$

Poles   1. First eight poles from upper front list

$$a_{i,k} = \left(\begin{array}{cccccccc} 0 & 1 & 2 & 3 & 4 & 5 & 6 & 7 \end{array}\right)$$

2. First eight poles from lower front list

$$b_{j,\ell} = \begin{pmatrix} -\frac{d}{\alpha} & -\frac{d+2}{\alpha} & -\frac{d+4}{\alpha} & -\frac{d+6}{\alpha} & -\frac{d+8}{\alpha} & -\frac{d+10}{\alpha} & -\frac{d+12}{\alpha} & -\frac{d+14}{\alpha} \\ -1 & -2 & -3 & -4 & -5 & -6 & -7 & -8 \end{pmatrix}$$