1 Example `FoxH-2_9_13.wls`

File content

Fox H-function

$$H_{2,2}^{1,2}\left(\cdot\left|\begin{array}{c}\left(\frac{1}{2},1\right),(1,1)\\ \\ \left(\frac{1}{2},1\right),(0,1)\end{array}\right.\right)$$

$$H_{2,2}^{1,2}\left(\cdot\left|\begin{array}{c|c}\left(\frac{1}{2},1\right),(1,1) & \\ \hline \left(\frac{1}{2},1\right) & (0,1)\end{array}\right.\right)$$

Summary

$$\begin{aligned} a^* &= 2\\ \Delta &= 0\\ \delta &= \text{ComplexInfinity}\\ \mu &= -1\\ a_1^* &= 1\\ a_2^* &= 1\\ \xi &= 2\\ c^* &= 1 \end{aligned}$$

Poles 1. First eight poles from upper front list

$$a_{i,k} = \left(\begin{array}{cccccccc} \frac{1}{2} & \frac{3}{2} & \frac{5}{2} & \frac{7}{2} & \frac{9}{2} & \frac{11}{2} & \frac{13}{2} & \frac{15}{2}\\ \\ 0 & 1 & 2 & 3 & 4 & 5 & 6 & 7 \end{array}\right)$$

2. First eight poles from lower front list

$$b_{j,\ell} = \left(\begin{array}{cccccccc} -\frac{1}{2} & -\frac{3}{2} & -\frac{5}{2} & -\frac{7}{2} & -\frac{9}{2} & -\frac{11}{2} & -\frac{13}{2} & -\frac{15}{2} \end{array}\right)$$