

1 Example FoxH-Sin.wls

File content

Fox H-function

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

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

Summary

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

Poles 1. First eight poles from upper front list

$$a_{i,k} = \{ \}$$

2. First eight poles from lower front list

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