

# 1 Example FoxH-Cos.wls

File content

Fox H-function

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

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

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

$$b_{j,\ell}=\left(\begin{array}{cccccccc} 0 & -1 & -2 & -3 & -4 & -5 & -6 & -7 \end{array}\right)$$