

# 1 Example FoxH-2\_9\_6.wls

File content

Fox H-function

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

$$H_{1,1}^{1,0} \left( \cdot \left| \frac{\quad}{(\alpha, 1)} \right| \frac{(\alpha + \beta + 1, 1)}{\quad} \right)$$

Summary

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

Poles 1. First eight poles from upper front list

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

2. First eight poles from lower front list

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