

1 Example FoxH-Bessel-K_2_9_19.wls

File content

Fox H-function

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

$$H_{0,2}^{2,0} \left(. \left| \frac{}{\left(\frac{a-\eta}{2}, 1 \right), \left(\frac{a+\eta}{2}, 1 \right)} \right| \right)$$

Summary

$$a^* = 2$$

$$\Delta = 2$$

$$\delta = \text{Indeterminate}$$

$$\mu = a - 1$$

$$a_1^* = 2$$

$$a_2^* = 0$$

$$\xi = a$$

$$c^* = 1$$

Poles 1. First eight poles from upper front list

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

2. First eight poles from lower front list

$$b_{j,\ell} = \begin{pmatrix} \frac{\eta-a}{2} & \frac{1}{2}(-a-\eta) \\ \frac{1}{2}(-a+\eta-2) & \frac{1}{2}(-a-\eta-2) \\ \frac{1}{2}(-a+\eta-4) & \frac{1}{2}(-a-\eta-4) \\ \frac{1}{2}(-a+\eta-6) & \frac{1}{2}(-a-\eta-6) \\ \frac{1}{2}(-a+\eta-8) & \frac{1}{2}(-a-\eta-8) \\ \frac{1}{2}(-a+\eta-10) & -\frac{a}{2}-\frac{\eta}{2}-5 \\ \frac{1}{2}(-a+\eta-12) & -\frac{a}{2}-\frac{\eta}{2}-6 \\ \frac{1}{2}(-a+\eta-14) & -\frac{a}{2}-\frac{\eta}{2}-7 \end{pmatrix}^T$$