1 Example `FoxH-Macdonald_function_2_9_31.wls`

File content

Fox H-function

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

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

Summary

$$a^* = \frac{1}{\beta} + 1$$

$$\Delta = \frac{1}{\beta} + 1$$

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

$$\mu = \frac{\gamma}{\beta} - 1$$

$$a_1^* = \frac{1}{\beta} + 1$$

$$a_2^* = 0$$

$$\xi = \frac{\gamma}{\beta}$$

$$c^* = 1$$

Poles 1. First eight poles from upper front list

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

2. First eight poles from lower front list

$$b_{j,\ell} = \begin{pmatrix} 0 & -1 & -2 & -3 & -4 & -5 & -6 & -7 \\ -\gamma & -\beta - \gamma & -2\beta - \gamma & -3\beta - \gamma & -4\beta - \gamma & -5\beta - \gamma & -6\beta - \gamma & -7\beta - \gamma \end{pmatrix}$$