1 Example `FoxH-2_9_12.wls`

File content

Fox H-function

$$
H_{2,2}^{1,2}\left(\cdot\left|\begin{array}{l}\left(\frac{1}{2},1\right),\left(\frac{1}{2},1\right)\\[2mm]\left(0,1\right),\left(-\frac{1}{2},1\right)\end{array}\right.\right)
$$

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

Summary

$$
a^* = 2
$$
$$
\Delta = 0
$$
$$
\delta = \text{ComplexInfinity}
$$
$$
\mu = -\frac{3}{2}
$$
$$
a_1^* = 1
$$
$$
a_2^* = 1
$$
$$
\xi = \frac{3}{2}
$$
$$
c^* = 1
$$

Poles   **1. First eight poles from upper front list**

$$
a_{i,k} = \left(\begin{array}{cccccccc}\frac{1}{2}&\frac{3}{2}&\frac{5}{2}&\frac{7}{2}&\frac{9}{2}&\frac{11}{2}&\frac{13}{2}&\frac{15}{2}\\[2mm]\frac{1}{2}&\frac{3}{2}&\frac{5}{2}&\frac{7}{2}&\frac{9}{2}&\frac{11}{2}&\frac{13}{2}&\frac{15}{2}\end{array}\right)
$$

2. First eight poles from lower front list

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