1 Example FoxH-H.G_2_9_15.wls

File content

```
(* (2.9.15) of Kilbas and Saigo 04 *)
{
  (* Upper List *) {
    (* Upper Front List *) {{1-a,1},{1-b,1}},
    (* Upper Rear List *)  {}
  },
  (* Lower List *) {
    (* Lower Front List *) {{0,1}},
    (* Lower Rear List *)  {{1-c,1}}
  }
}
```

Fox H-function

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

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

Summary

$$\begin{aligned}a^* &= 2\\ \Delta &= 0\\ \delta &= \text{ComplexInfinity}\\ \mu &= a+b-c-1\\ a_1^* &= 1\\ a_2^* &= 1\\ \xi &= -a-b+c+1\\ c^* &= 1\end{aligned}$$

Poles 1. First eight poles from upper front list

$$a_{i,k} = \begin{pmatrix} a & a+1 & a+2 & a+3 & a+4 & a+5 & a+6 & a+7 \\ b & b+1 & b+2 & b+3 & b+4 & b+5 & b+6 & b+7 \end{pmatrix}$$

2. First eight poles from lower front list

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