

1 Example FoxH-2_9_6.wls

File content

```
(* (2.9.6) of Kilbas and Saigo 04 *)
{
  (* Upper List *) {
    (* Upper Front List *) {},
    (* Upper Rear List *) {{α+β+1,1}}
  },
  (* Lower List *) {
    (* Lower Front List *) {{α, 1}},
    (* Lower Rear List *) {}
  }
}
```

Fox H-function

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

$$H_{1,1}^{1,0} \left(\begin{matrix} \cdot \\ (\alpha, 1) \end{matrix} \middle| \frac{(\alpha + \beta + 1, 1)}{(\alpha, 1)} \right)$$

Summary

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

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

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

2. First eight poles from lower front list

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