# 1 Example `FoxH-2_9_5.wls`

### File content

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

### Fox H-function

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

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

### Summary

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

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

$$a_{i,k} = \left( \begin{array}{cccccccc} a & a+1 & a+2 & a+3 & a+4 & a+5 & a+6 & a+7 \end{array} \right)$$

**2. First eight poles from lower front list**

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