

# 1 Example FoxH-Mittag-Leffler.wls

## File content

```
{
  (* Upper List *) {
    (* Upper Front List *) {{0, 1}},
    (* Upper Rear List *) {}
  },
  (* Lower List *) {
    (* Lower Front List *) {{0, 1}},
    (* Lower Rear List *) {{1 - μ, ρ}}
  }
}
```

## Fox H-function

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

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

## Summary

$$a^* = 2 - \rho$$

$$\Delta = \rho$$

$$\delta = \text{ComplexInfinity}$$

$$\mu = \frac{1}{2} - \mu$$

$$a_1^* = 1$$

$$a_2^* = 1 - \rho$$

$$\xi = \mu - 1$$

$$c^* = \frac{1}{2}$$

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

$$a_{i,k} = \begin{pmatrix} 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ 9 \\ 10 \\ 11 \end{pmatrix}$$

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

$$b_{j,\ell} = \begin{pmatrix} 0 \\ -1 \\ -2 \\ -3 \\ -4 \\ -5 \\ -6 \\ -7 \\ -8 \\ -9 \\ -10 \end{pmatrix}$$