

1 Example FoxH-Cos.wls

File content

```
{
  (* Upper List *) {
    (* Upper Front List *) {{1, 1/2}},
    (* Upper Rear List *)  {{1/2, 1/2}}
  },
  (* Lower List *) {
    (* Lower Front List *) {},
    (* Lower Rear List *) {}
  }
}
```

Fox H-function

$$H_{2,0}^{0,1} \left(. \left| \begin{matrix} (1, \frac{1}{2}), (\frac{1}{2}, \frac{1}{2}) \end{matrix} \right. \right)$$

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

Summary

$$a^* = 0$$

$$\Delta = -1$$

$$\delta = 0$$

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

$$a_1^* = -\frac{1}{2}$$

$$a_2^* = \frac{1}{2}$$

$$\xi = \frac{1}{2}$$

$$c^* = 0$$

Poles 1. First ten poles from upper front list

$$a_{i,k} = \begin{pmatrix} 0 \\ 2 \\ 4 \\ 6 \\ 8 \\ 10 \\ 12 \\ 14 \\ 16 \\ 18 \\ 20 \end{pmatrix}$$

2. First ten poles from lower front list

$$b_{j,\ell} = \{ \{\}, \{\}, \{\}, \{\}, \{\}, \{\}, \{\}, \{\}, \{\}, \{\} \}$$