Im Debattierclub 2020.1
Ausgrabungen am Zufallsfundort
Unit Lambda.1 Gl. (6)

In the debating club 2020.1
Excavations at the accidential finding place equ. (6)

$$\mathbf{g} = \frac{1}{e-1} = \cfrac{1}{1+\cfrac{2}{2+\cfrac{3}{3+\cfrac{4}{4+\cdots}}}} = 0.581976706\ldots$$

$$= [0;1,1,2,1,1,4,1,1,6,1,1,8,1,1,\ldots] \qquad (1)$$

$$\mathbf{g\#g} = \cfrac{1}{1+\cfrac{1}{1+\cfrac{2}{2+\cfrac{2}{2+\cfrac{3}{3+\cfrac{3}{3+\cfrac{4}{4+\cfrac{4}{4+\cfrac{5}{5+\cfrac{5}{5+\cfrac{6}{6+\cfrac{6}{6+\cfrac{7}{7+\cfrac{7}{7+\cfrac{8}{8+\cfrac{8}{8+\cdots}}}}}}}}}}}}}}}$$

$$= 0.634549847\ldots$$

$$= [0;1,\mathbf{1},1,\mathbf{2},1,\mathbf{3},1,\mathbf{4},1,\mathbf{5},1,\mathbf{6},1,7,1,\mathbf{8}\ldots]$$

$$= [0;-1,\mathbf{1},\ \mathbf{-2},\ \ \mathbf{3},\ \mathbf{-4},\ \ \mathbf{5},\ \mathbf{-6},\ \ 7,\ \mathbf{-8},\ldots]$$

$$= \frac{J_0(2)}{J_1(2)-J_0(2)} = \frac{1}{\frac{J_1(2)}{J_0(2)}-1} \qquad (2.1\text{-}5)$$

Discuss, continue, and extend

$$\frac{1}{e-1} \# \frac{1}{e-1} = \frac{1}{\frac{J_0(2)}{J_1(2)}-1} \quad . \qquad (3)$$

16.03.2020 EPS