$$\$ \quad rationals[i] \mid i \leftarrow 0\mathbin{..}6$$

$$\textbf{where}$$

$$rationals = next^*(1 + \circ)$$

$$next = \textbf{fn } x \rightarrow \left(\left(\lfloor x \rfloor + 1\right) + -\{x\}\right)^{-1}$$

$$\rightarrow \quad 1 + \circ,\ 0 + \frac{1}{2 + \circ},\ 2 + \circ,\ 0 + \frac{1}{3 + \circ},\ 1 + \frac{1}{2 + \circ},\ 0 + \frac{1}{1 + \frac{1}{2 + \circ}},\ 3 + \circ$$