$ratios[i] \mid i \leftarrow 0..14$ 

$$egin{aligned} rationals &= \ next^*ig(1+\circig) \ next &= \ \mathbf{fn} \ \ c \ 
ightarrow ig(ig\lfloor cig
floor + 1ig) + -ig\{cig\}ig)^{-1} \ 
ightarrow \ 1, rac{1}{2}, 2, rac{1}{3}, rac{3}{2}, rac{2}{3}, 3, rac{1}{4}, rac{4}{3}, rac{3}{5}, rac{5}{2}, rac{2}{5}, rac{5}{3}, rac{3}{4}, 4 \end{aligned}$$