Es (1) $x = \frac{2}{5}$; determ

- esp e fraz in base 3 $[b=0\,;\ g=2/5]$
- rd(x) in $F(3,2)$ $[\text{rd}(x) = 3^\circ\ 0{,}11 = 4/9]$

(2) $M = F(2,4)$; • $\xi \in M$ con esp $\geq 4 \Rightarrow \xi \in \mathbb{Z}$

• determ $\max\{\xi \in M \mid \xi > 0 \text{ e } \xi \notin \mathbb{Z}\}$ $[= 2^3\ 0{,}1111]$

(3) $M = F(10,3)$; determ $\{\xi \in M \mid \xi \oplus 1 > 1\}$ ⊛

(4) Determ l'err algo commen. utilizz la f $\varphi(\xi) = \xi \otimes (\xi \ominus 1)$ per approx la funzione $f(x) = x(x-1)$

Per casa :

(26) determ $\min\{x \in \mathbb{N} \mid x \notin M\}$

⊛ $\xi + 1 = x$; $\{x \in \mathbb{R} \mid \text{rd}(x) > 1\} = (10^1\ 0{,}1005\ ;\ +\infty)$

$x \in (10^1\ 0{,}1005\ ;\ +\infty) \iff \xi > 0{,}005 = 10^{-2}\ 0{,}500$

$\{\xi \in M \mid \xi \oplus 1 > 1\} = \{\xi \geq 10^{-2}\ 0{,}501\}$