

1 Solution de l'algorithme Rainf de 4

$$x = 4$$

$$b = x = 4$$

$$\left(4 = \frac{4}{4} \right) \&$$

$$b = 0.5 \left(\frac{4}{4} + 4 \right) = 2.5$$

$$2.5 = \frac{4}{2.5} = 1.6$$

$$b = 0.5 \left(\frac{4}{2.5} + 2.5 \right) = 2.05$$

$$2.05 = \frac{4}{2.05}$$

$$b = 0.5 \left(\frac{4}{2.05} + 2.05 \right) = 2.00060$$

$$b = 2.00060$$

$$b = 2.00060 = \frac{4}{2.00060}$$

$$b = 0.5 \left(\frac{4}{2.00060} + 2.00060 \right) = 2.00000$$

$$2.00000 = \frac{4}{2.00000} = 2$$

La Rainf quadrée de 4 est