

Puntos

m	m
m	m
m	m
m	m
m	m
m	m

centro $[.5, .5]$

$(\text{Puntos} - \text{centro})^2$

$(m - .5)^2$	$(m - .5)^2$
$(m - .5)^2$	$(m - .5)^2$
$(m - .5)^2$	$(m - .5)^2$
$(m - .5)^2$	$(m - .5)^2$
$(m - .5)^2$	$(m - .5)^2$
$(m - .5)^2$	$(m - .5)^2$

dist-cuadrado
sum

m
m
m
m
m
m

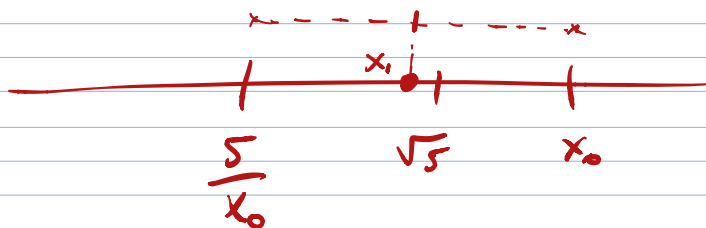
dist-cuadrado $< .25$

sum

True
True
True
False
False
True
False

cuantos True hay

$\text{np.sqrt}(7)$



$$x_9 = 90.00007$$

$$x_{10} = 90.000090$$

$$\text{error} = 1 \times 10^{-5}$$

$$|x_{10} - x_9| = 0.\overset{1}{0}\overset{2}{0}\overset{3}{0}\overset{4}{0}\overset{5}{2} = 2 \times 10^{-5} > \text{error}$$

$$x_{\text{ant}} = x_{10}$$

$$x_{11} = 90.000005$$

$$|x_{11} - x_{10}| = 0.\underbrace{0000}_{8.5}5 = 8.5 \times 10^{-5} > \text{error}$$

$$x_{12} = 90.000004$$

$$|x_{12} - x_{11}| = 0.000001 \quad 1 \times 10^{-6} < \text{error}$$