Funciones de prueba, definidas en el intervalo [-10,10]

Nombre de la función	**Ref.**	**Fórmula**	**Punto mínimo**	**Valor mínimo**
Alpine 1 Function	[1]	$f_1(\mathrm{x}) = \sum_{i=1}^{D} \lvert x_i \sin(x_i) + 0.1x_i \rvert$	x* = f(0,0)	f(x*)=0
Dixon & Price Function	[2]	$f_2(\mathrm{x}) = (x_1 - 1)^2 + \sum_{i=2}^{D} i(2\sin(x_i) - x_{i-1})^2$	x* = f(2($\frac{2^i-2}{2^i}$))	f(x*)=0
Quintic Function	[3]	$f_3(\mathrm{x}) = \sum_{i=1}^{D} \lvert x_i^5 - 3x_i^4 + 4x_i^3 - 2x_i^2 - 10x_1 - 4 \rvert$	x* = f(-1 or 2)	f(x*)=0
Schwefel 2.23 Function	[4]	$f_4(\mathrm{x}) = \sum_{i=1}^{D} x_i^{10}$	x* = f(0,0)	f(x*)=0
Streched V Sine Wave Function	[5]	$f_5(x) = \sum_{i=1}^{D-1} \left(x_{i+1}^2 + x_i^2\right)^{0.25} \left[sin^2\left\{50\left(x_{i+1}^2 + x_i^2\right)^{0.1}\right\} + 0.1\right]$	x* = f(0,0)	f(x*)=0
Sum Squares Function	[6]	$f_6(x) = \sum_{i=1}^{D} i x_i^2$	x* = f(0,0)	f(x*)=0

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