SCHWEFEL

Desc	Schwefel's function has a local minumum in the point where one element is 302.5232 and the others are 420.9687. It is rather far from the global minimum, so there is a chance that an algorithm will miss the global minimum.
Source	http://qai.narod.ru/GA/testfunc.html
Problem formulation	$\begin{cases} \min\limits_{x \in R^N} (418.9829N + \sum\limits_{i=1}^{N} (-x_i \sin(\sqrt{\lvert x_i \rvert}))) \\ -500 \le x_i \le 500 \end{cases}$
Known minima	$x_i = 420.9687$ $f(x) = 0$
Parameters	PP - (1*1) scalar – number of input dimensions (N)
Picture