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Do it yourself!! (4)

Minimize the unconstrained function with:

- a) A multi-start of local methods.
- b) With a global method of your choice.

What is the global solution? Compare the performance of the selected optimizer and the multistart.

$$f(\mathbf{x}) = An + \sum_{i=1}^n [x_i^2 - A \cos(2\pi x_i)] ,$$

where $A = 10$, $n = 2$ and $x_i \in [-5, 12, 5, 12]$.

a) sans

sans