Real Valued Test Functions

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Ackley Function

$$f(x) = 20 + e - 20 \cdot e^{\frac{1}{5}\sqrt{\frac{1}{n}\sum_{i=1}^{n}x_i^2}} - e^{\frac{1}{n}\sum_{i=1}^{n}\cos(2\pi x_i)}$$

Dimensions:

Domain: $-32.768 \le x_i \le 32.768$

Global Optimum: $f(x) = 0.0 \text{ at } x = (0.0, 0.0, \dots, 0.0)$

Operator: AckleyEvaluator

Chart:

