

**Ackley's function II:** (*from Zelinka's book*)

$$\sum_{i=1}^{D-1} \left( 20 + e - \frac{20}{\exp \left( \frac{1}{5} \sqrt{\frac{\mathbf{x}_i^2 + \mathbf{x}_{i+1}^2}{2}} \right)} - \exp \left( \frac{1}{2} (\cos 2\pi \mathbf{x}_i + \cos 2\pi \mathbf{x}_{i+1}) \right) \right) \quad (1)$$