Convex Quadratic (unique global minimum) — Global minimum
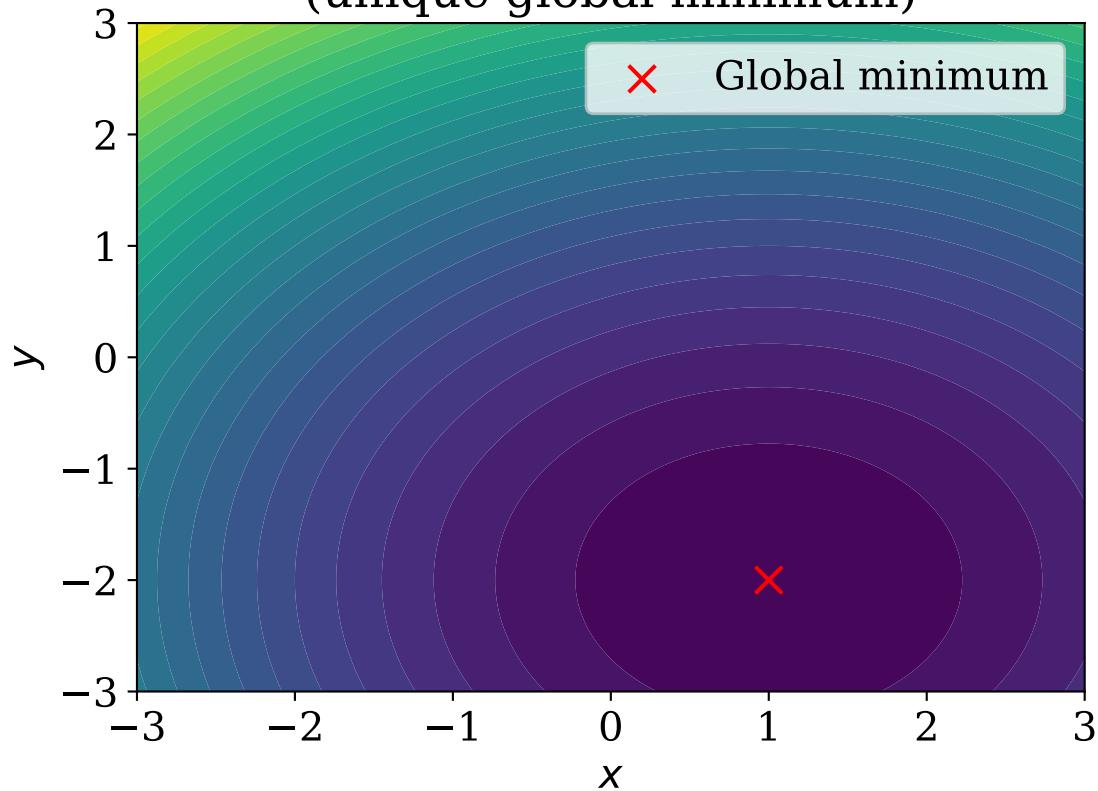
Multi-modal Function (multiple global minima) — Global minima