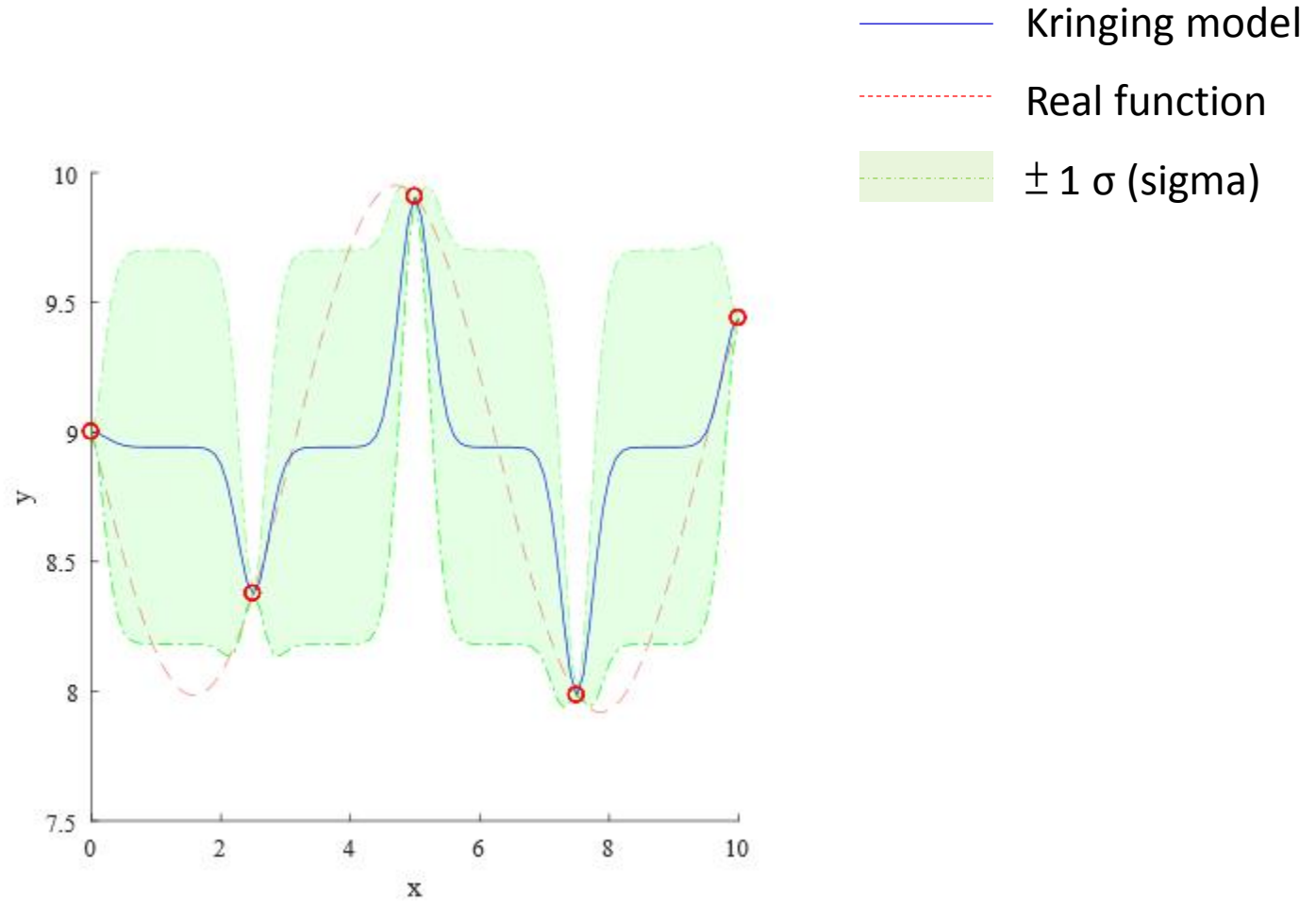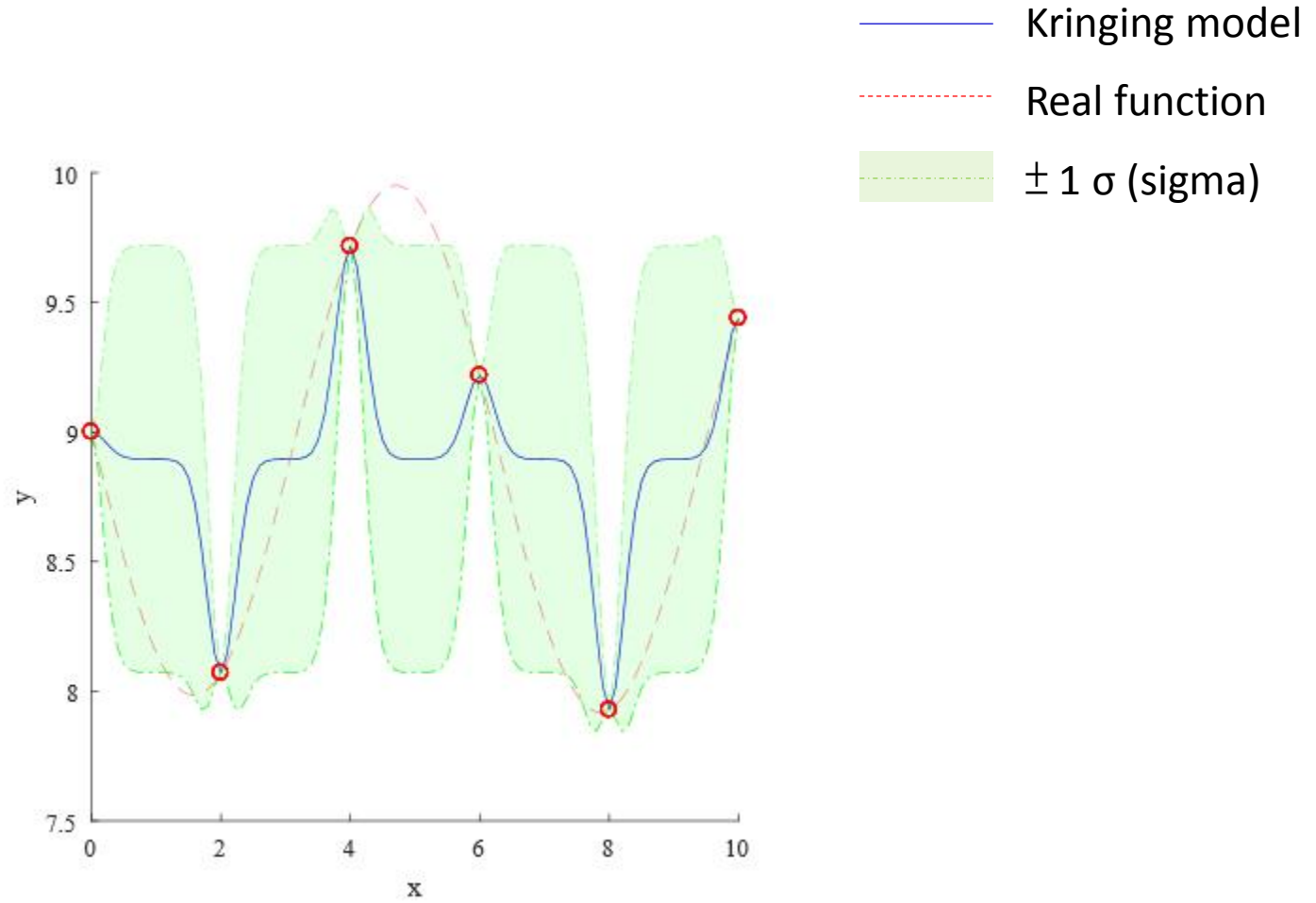3 samples

4 samples

Kringing model

Real function

± 1 σ (sigma)

5 samples

6 samples

7 samples
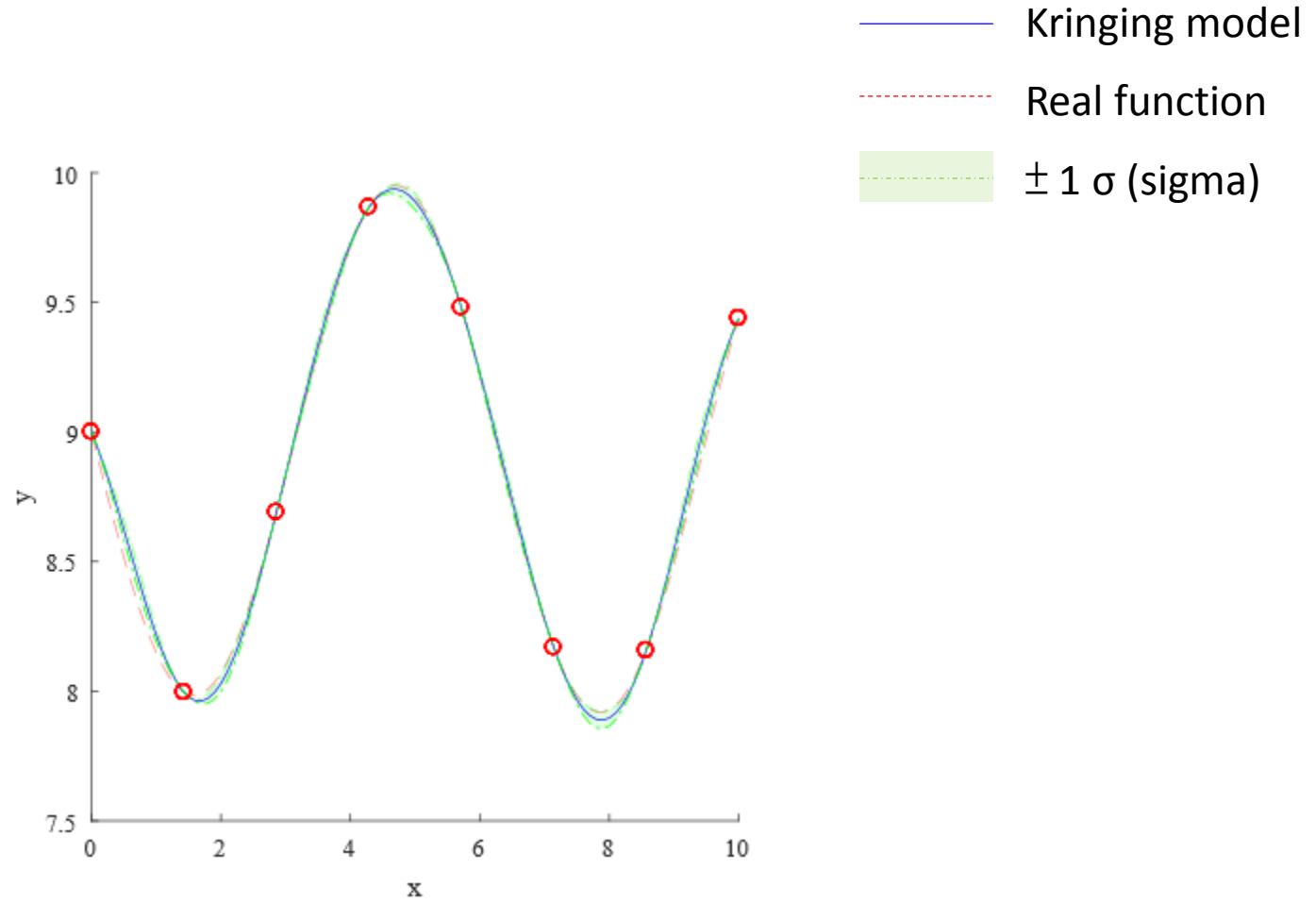
8 samples

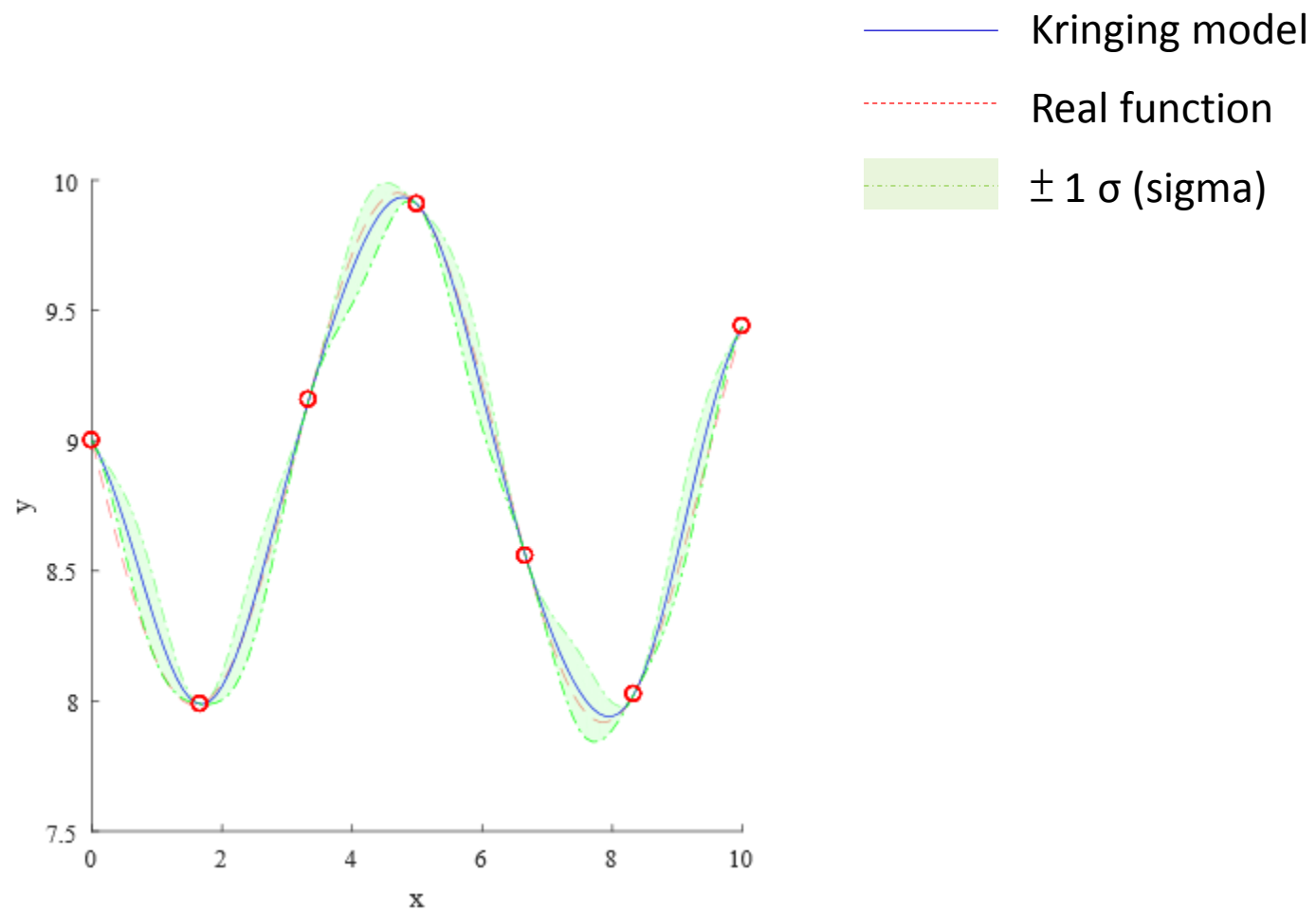$$f(\mathbf{x}) = \left(4 - 2.1x_1^2 + \frac{x_1^4}{3}\right)x_1^2 + x_1 x_2 + (-4 + 4x_2^2)x_2^2$$
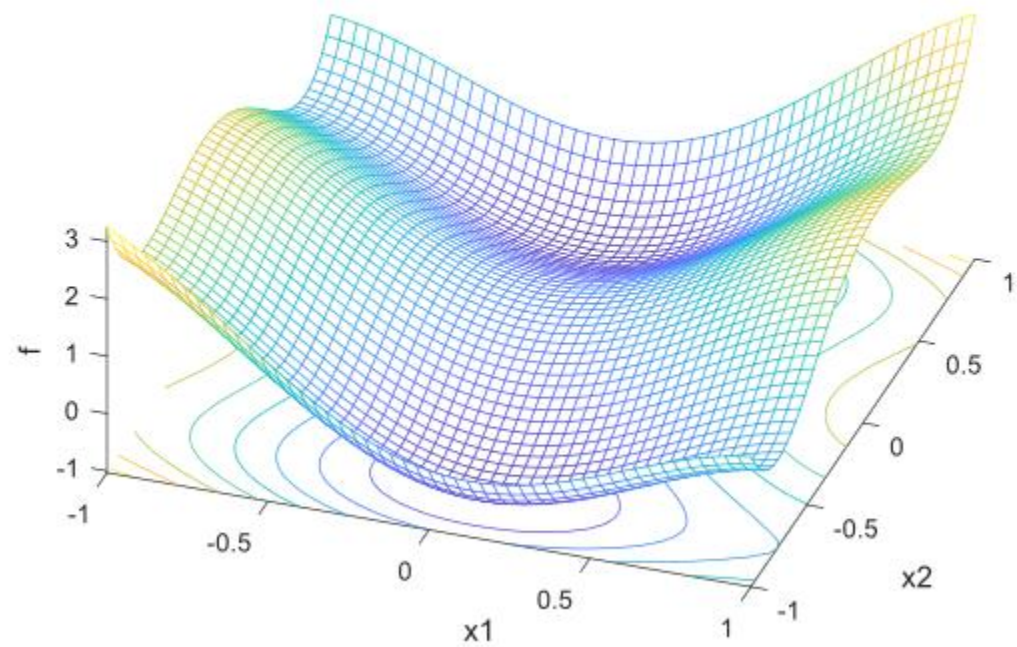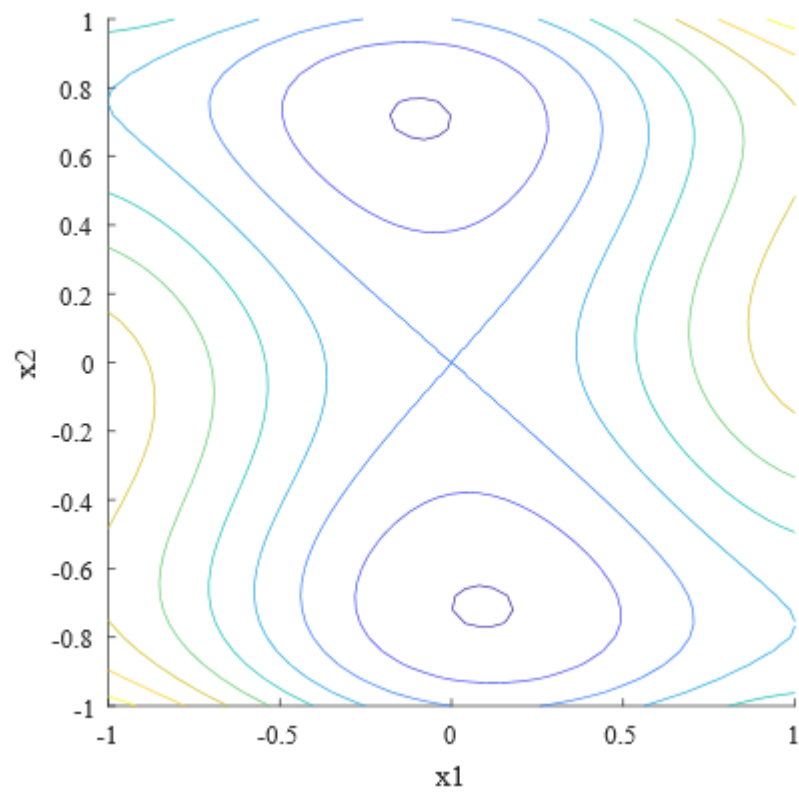
9 samples

16 samples
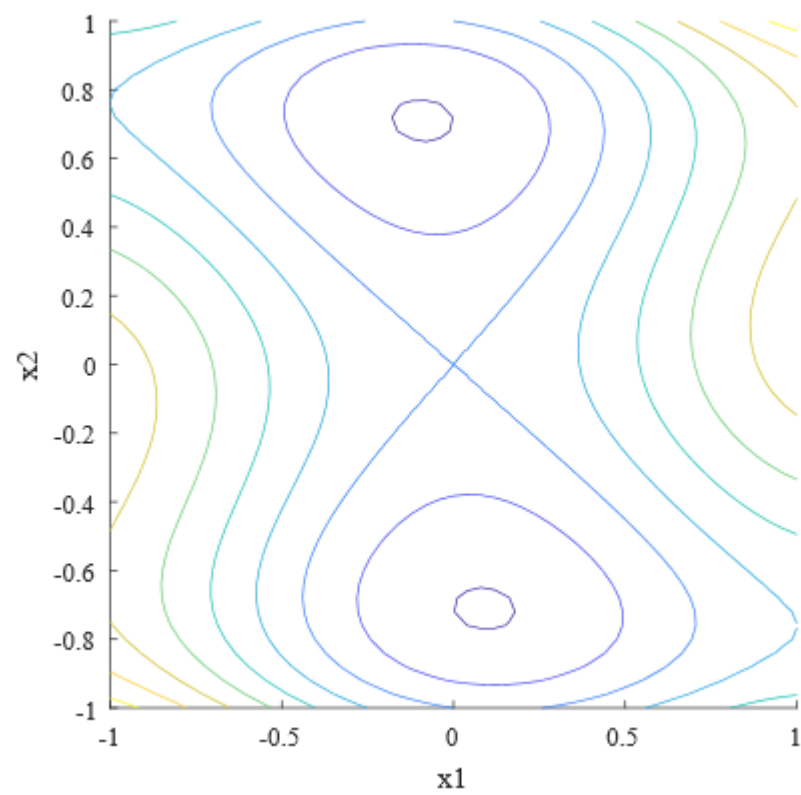
25 samples
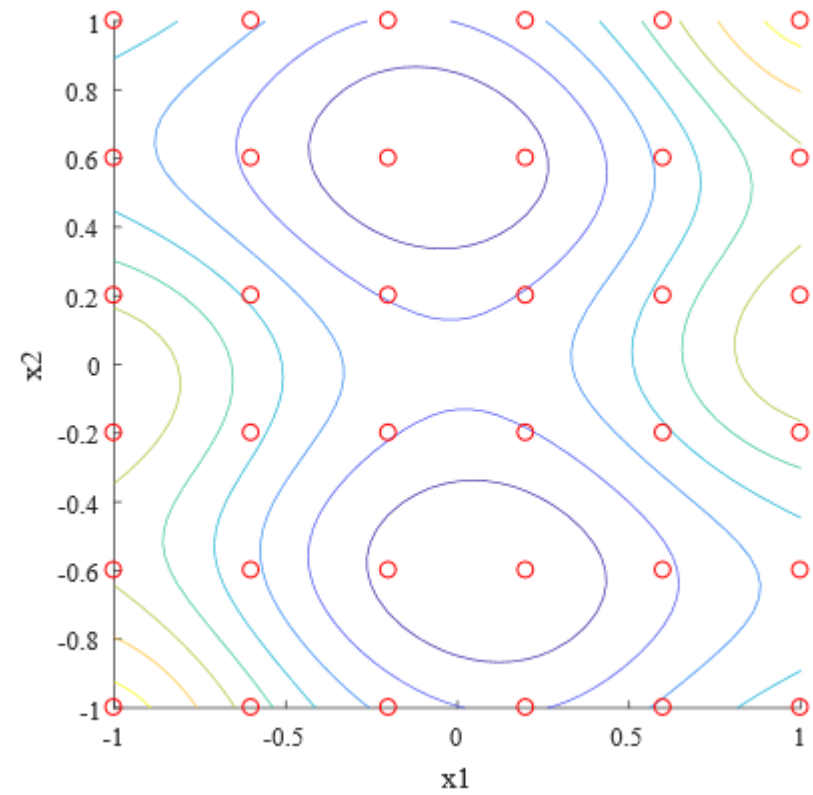
36 samples

49 samples

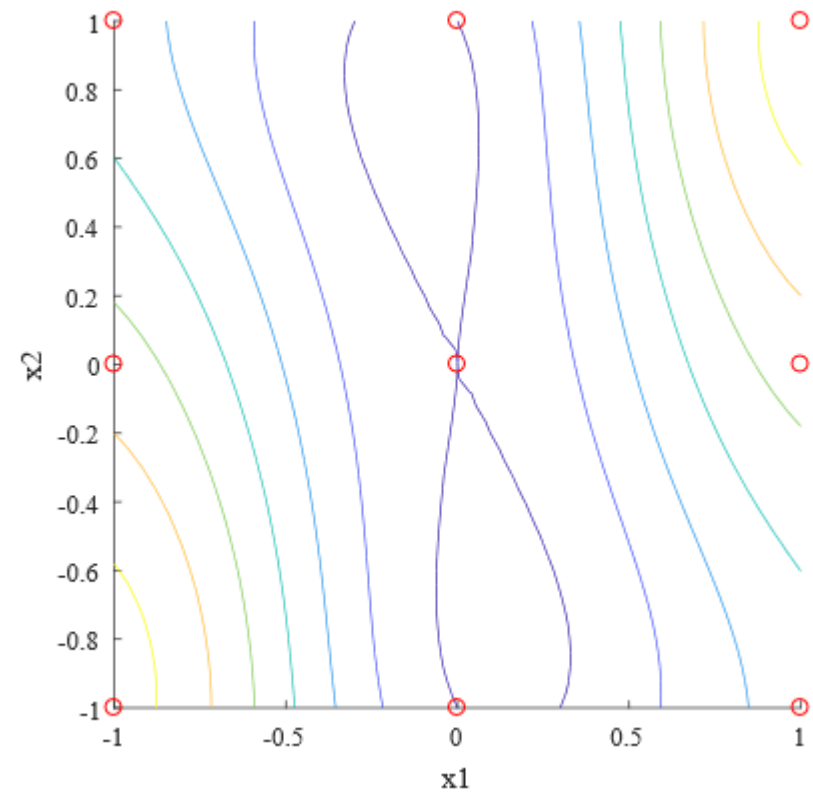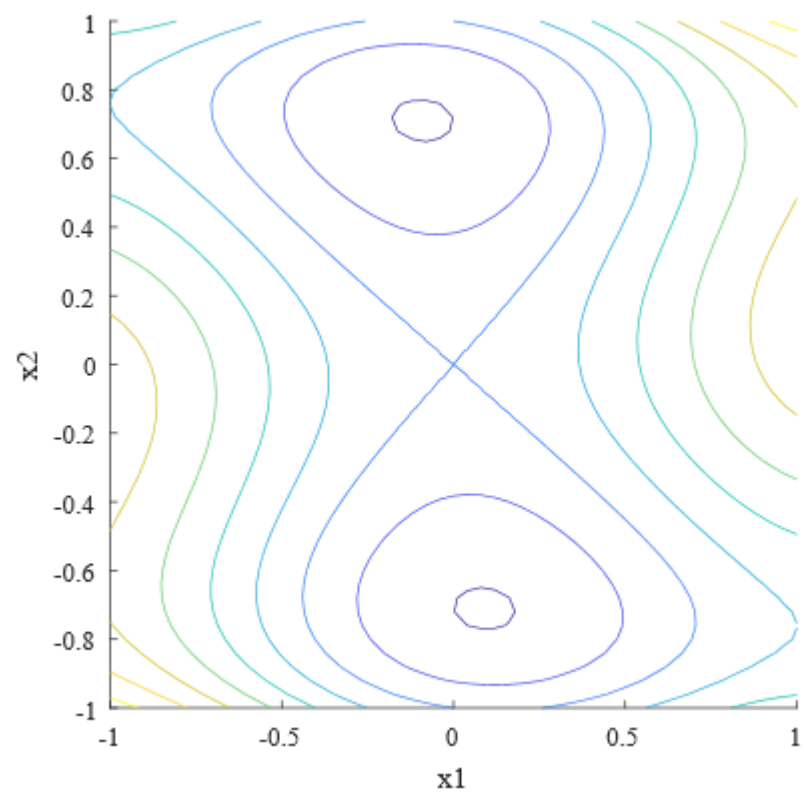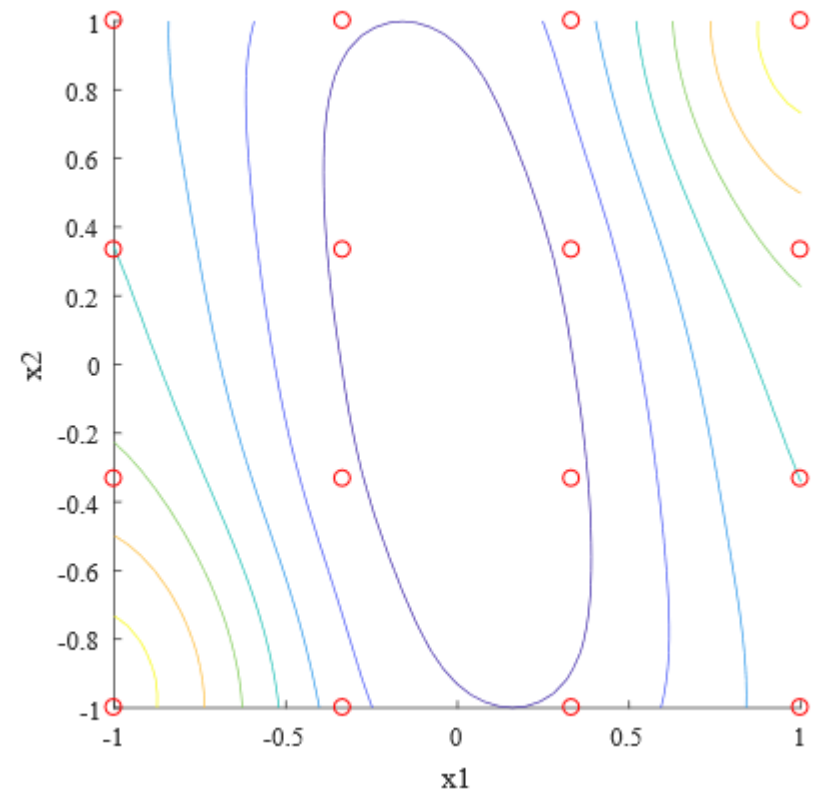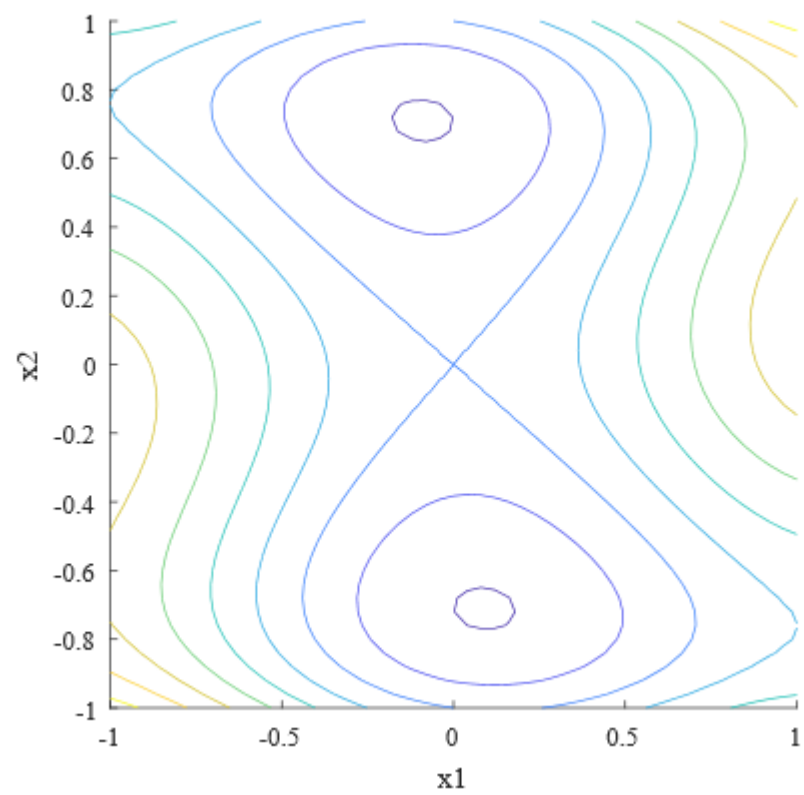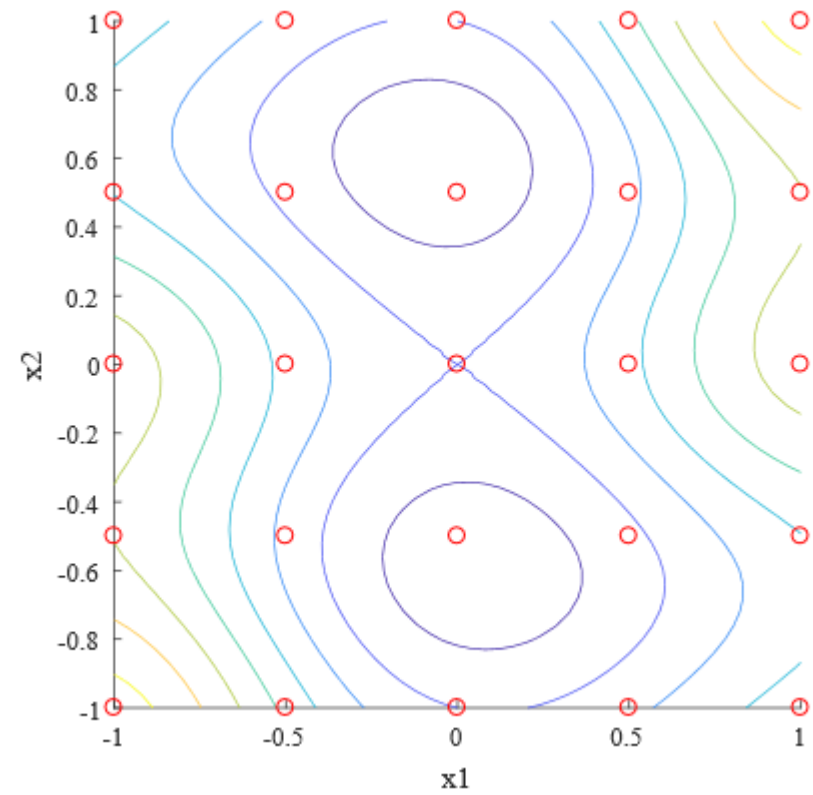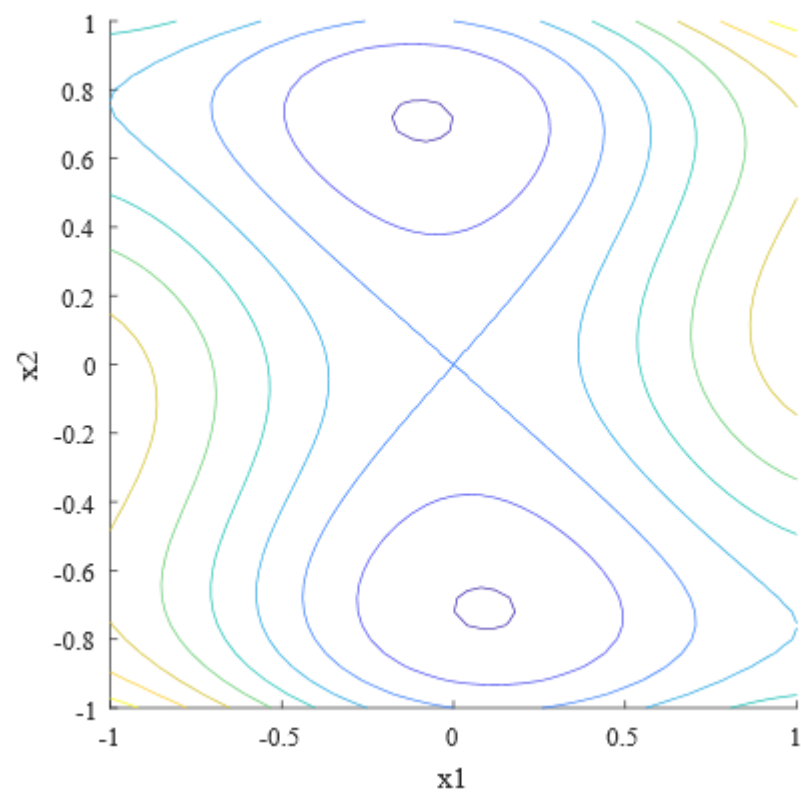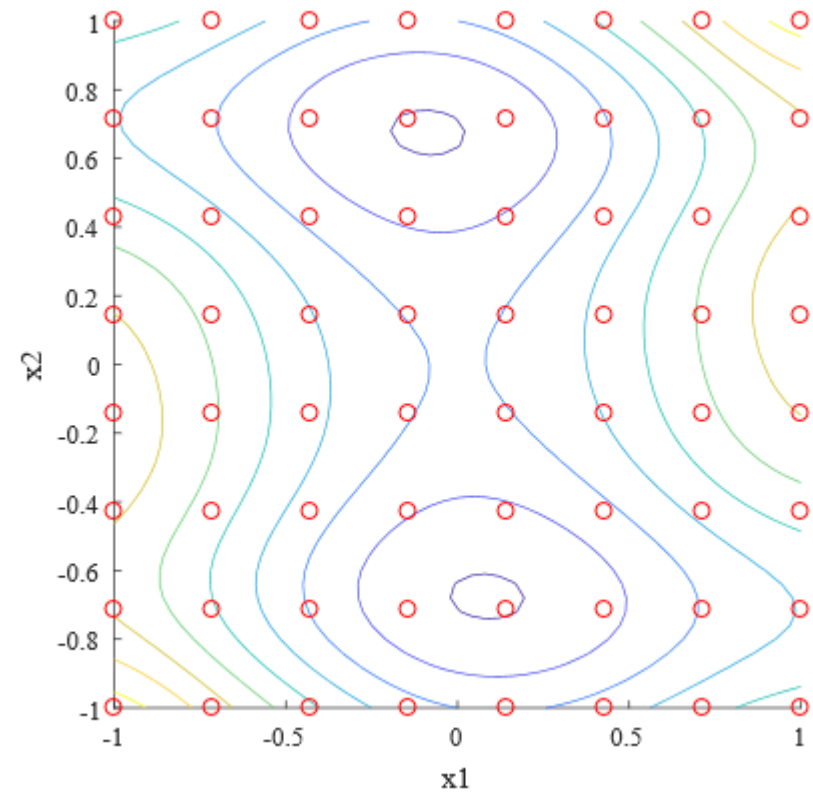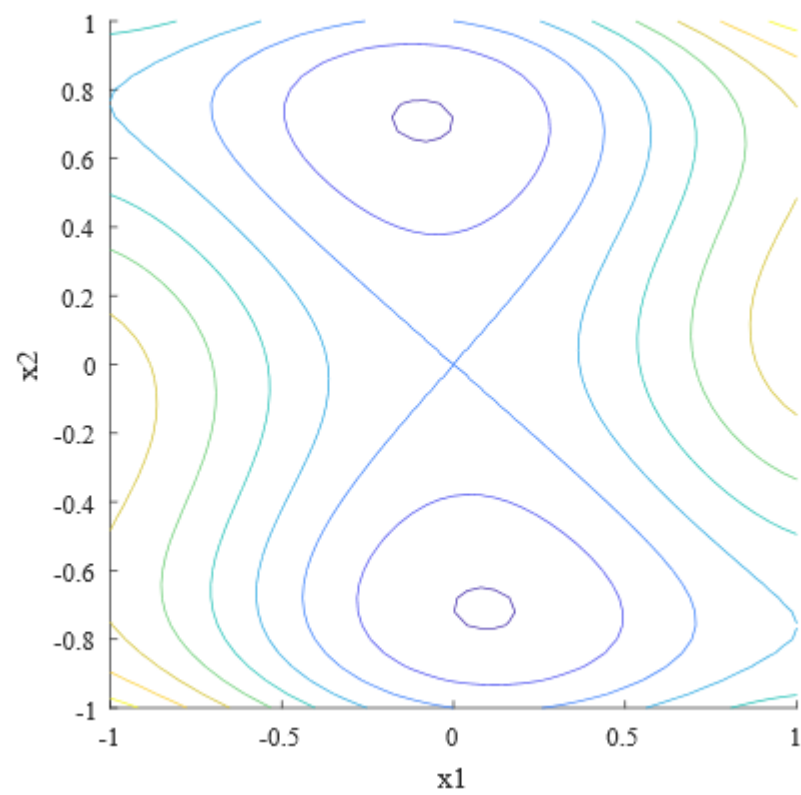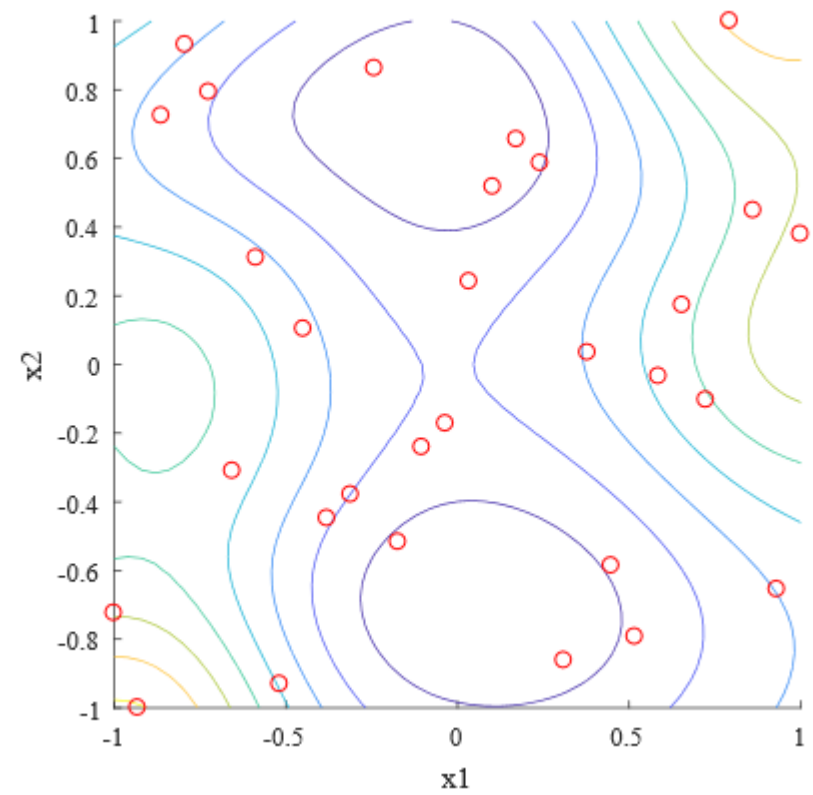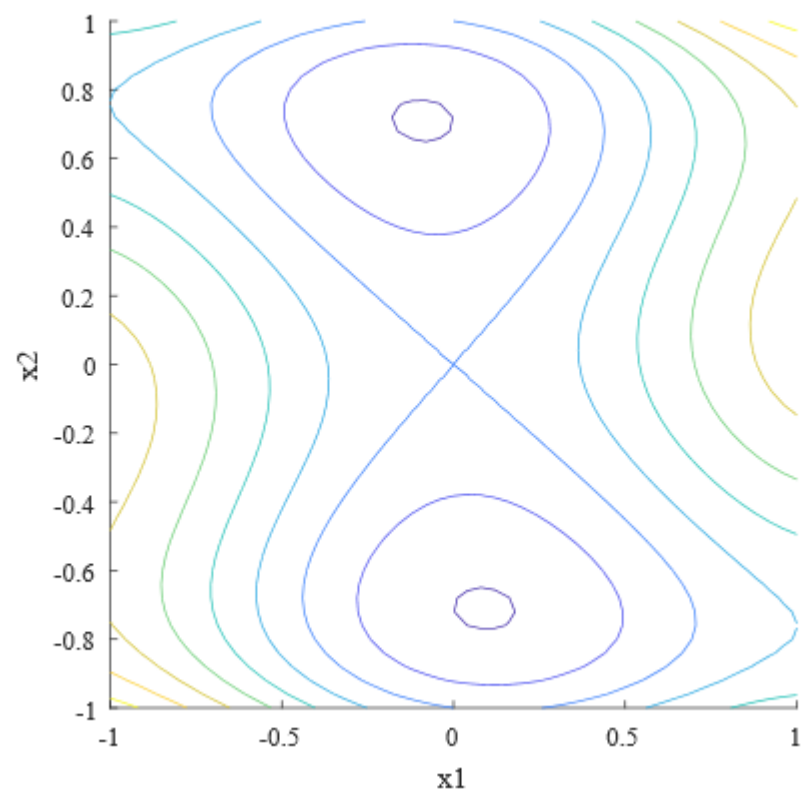30 samples
Latin hypercube