1. **Evaluate the complexity of Cramer's rule.**

2. **(Optional) Regression.**

Linear regression by:
Least square method

Nonlinear regression by
1. Transformation to make linear
2. Gradient descent and fminsearch (Downhill Simplex Search) to minimize error

$$E(\mathbf{\theta}) = \sum_{i=1}^{n} \left\| y_i - f(\mathbf{x}_i, \mathbf{\theta}) \right\|^2$$