$$y_i = (a_i)^T x + w_i$$

$$\hat{x} = \left(\sum_i a_i (a_i)^T \right)^{-1} \sum_i y_i a_i$$

where

- $a_i \in \mathbb{R}^n$ the measurement vectors
- $w_i \in \mathbb{R}$ measurement noise
- $x \in \mathbb{R}^n$ original vector