

Data Fusion

An Intuitive Look

Dr Salman Aslam

- 1 Introduction
- 2 Graphical Solution
- 3 Mathematical Solution
- 4 Programmatical Solution

① Introduction

- Notation
- Problem Statement

② Graphical Solution

- Start
- Step 1
- Step 2
- Step 3

③ Mathematical Solution

④ Programmatical Solution

Introduction

Graphical Solution

Mathematical Solution

Programmatical Solution

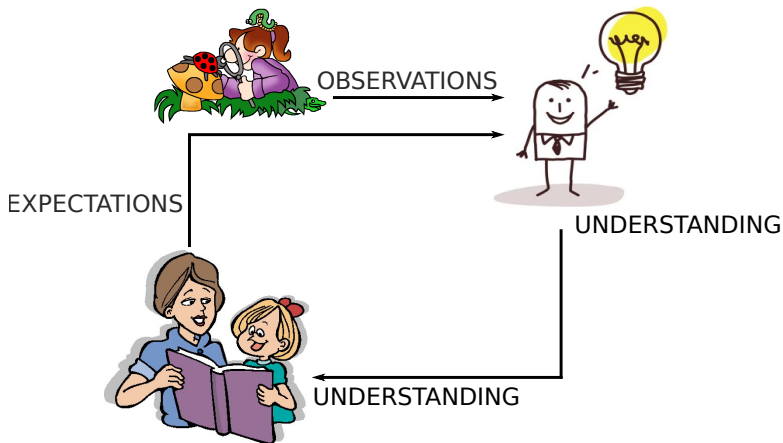
Notation

Problem Statement

Introduction
Graphical Solution
Mathematical Solution
Programmatical Solution

Notation
Problem Statement

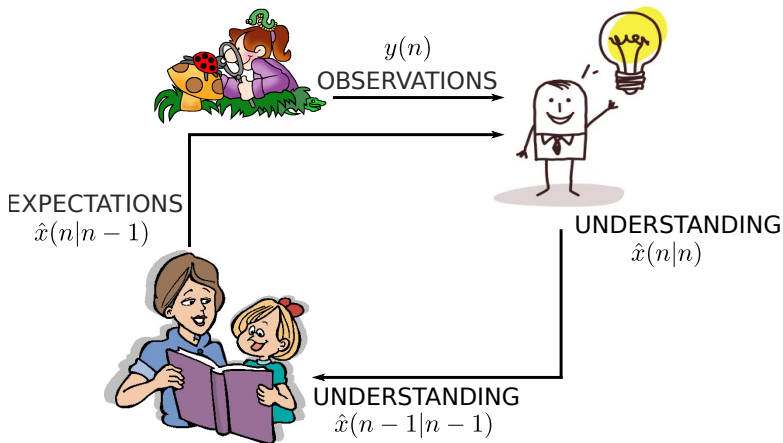
Overview



Introduction
Graphical Solution
Mathematical Solution
Programmatical Solution

Notation
Problem Statement

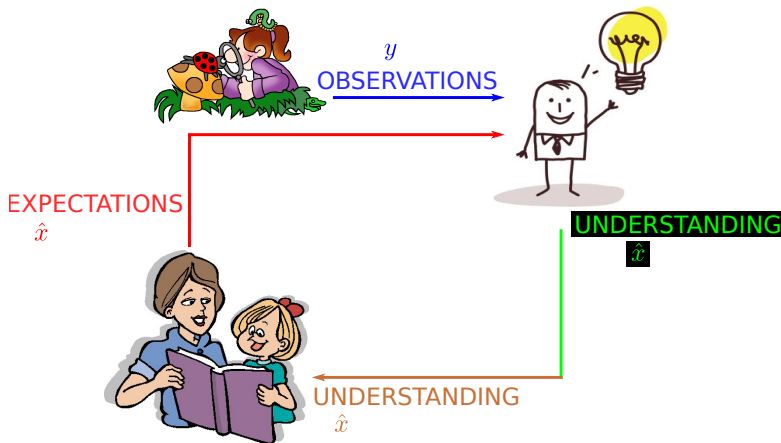
Overview



Introduction
Graphical Solution
Mathematical Solution
Programmatical Solution

Notation
Problem Statement

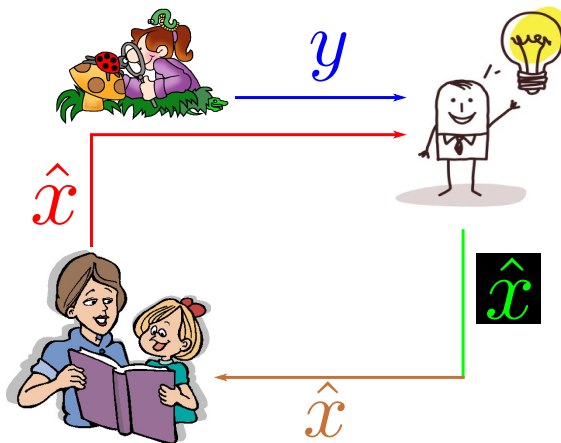
Overview



Introduction
Graphical Solution
Mathematical Solution
Programmatical Solution

Notation
Problem Statement

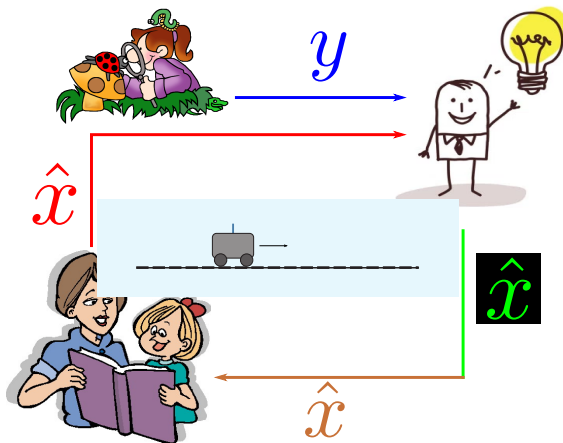
Overview



Introduction
Graphical Solution
Mathematical Solution
Programmatical Solution

Notation
Problem Statement

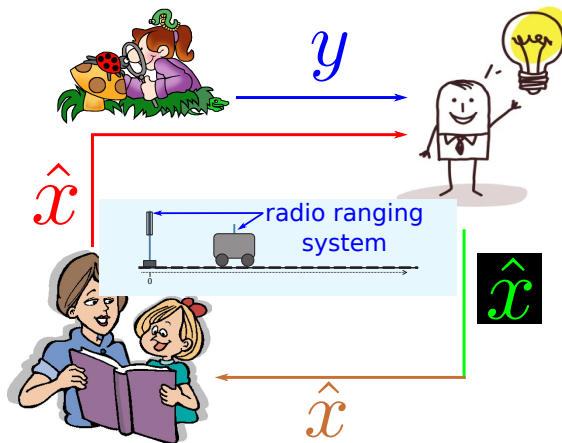
Overview



Introduction
Graphical Solution
Mathematical Solution
Programmatical Solution

Notation
Problem Statement

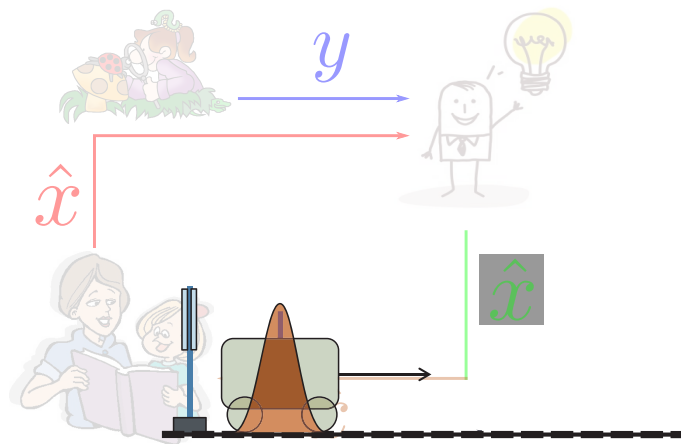
Overview



Introduction
Graphical Solution
Mathematical Solution
Programmatical Solution

Start
Step 1
Step 2
Step 3

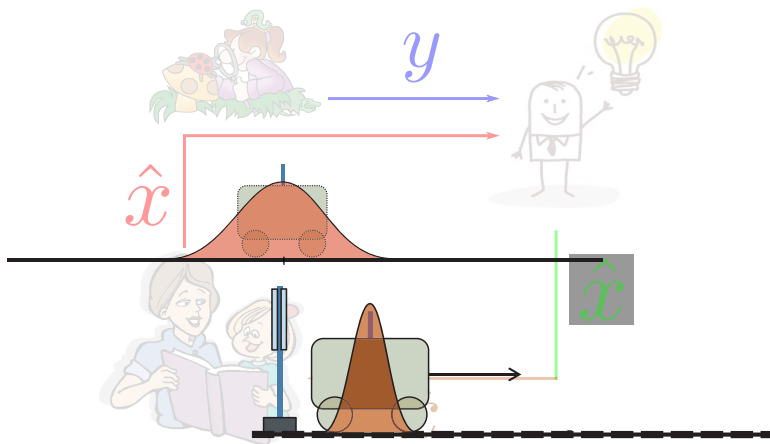
Old Understanding



Introduction
Graphical Solution
Mathematical Solution
Programmatical Solution

Start
Step 1
Step 2
Step 3

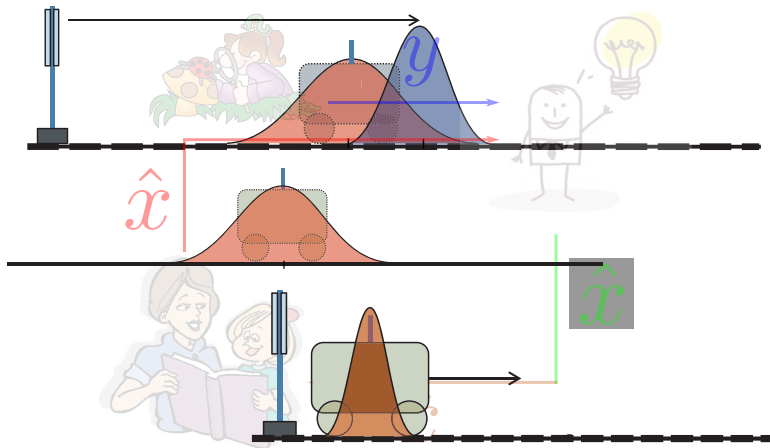
Expectations



Introduction
Graphical Solution
Mathematical Solution
Programmatical Solution

Start
Step 1
Step 2
Step 3

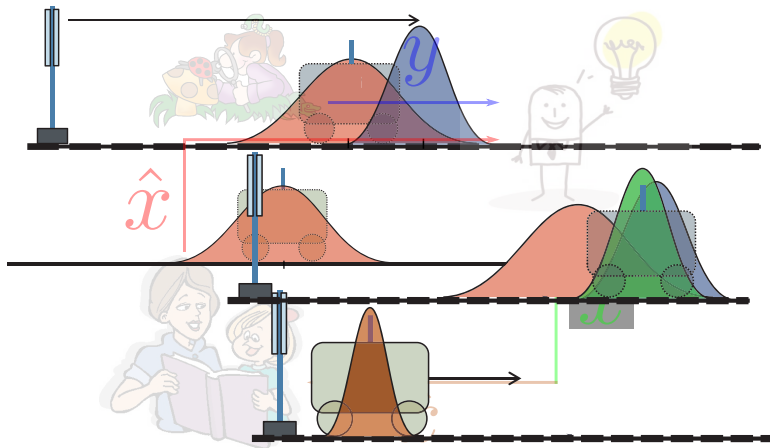
Observations



Introduction
Graphical Solution
Mathematical Solution
Programmatical Solution

Start
Step 1
Step 2
Step 3

New Understanding



- From here on, we focus our attention to a very well written paper on the Kalman filter,

Introduction
Graphical Solution
Mathematical Solution
Programmatical Solution

Questions