

UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
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DEPARTMENT OF ELECTRICAL, ELECTRONIC
AND COMPUTER ENGINEERING

EAI 320 - INTELLIGENT SYSTEMS

LaTeX template

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DECLARATION OF ORIGINALITY

UNIVERSITY OF PRETORIA

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Declaration

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3. I have not used work previously produced by another student or any other person to hand in as my own.
4. I have not allowed, and will not allow, anyone to copy my work with the intention of passing it off as his or her own work.

SIGNATURE: _____ DATE: _____

1 Introduction

This is a reference [1]

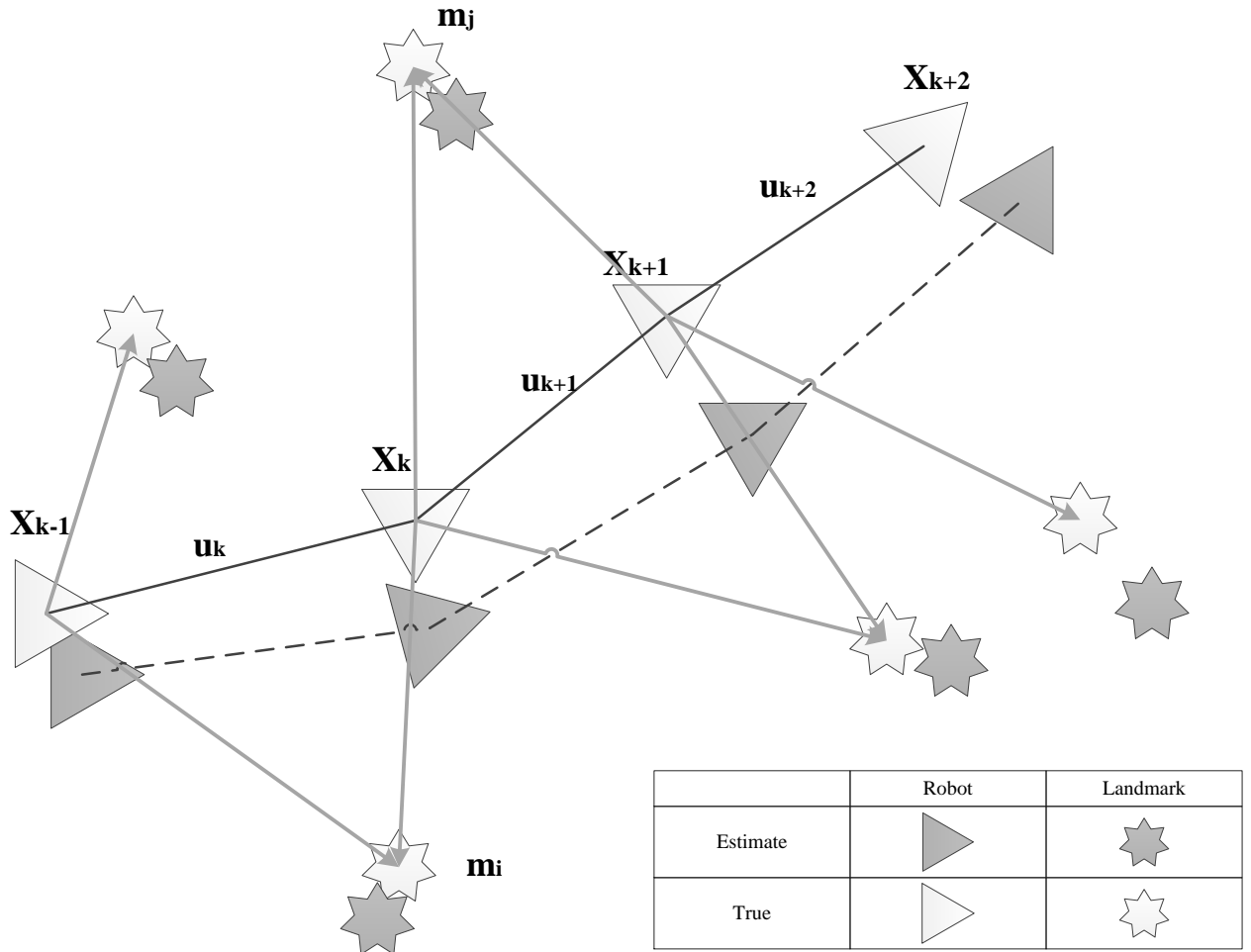


Figure 1.1: This is a figure.

$$P(\mathbf{x}_k, \mathbf{m} | \mathbf{Z}_{0:k}, \mathbf{U}_{0:k}, \mathbf{x}_0) = \frac{P(\mathbf{z}_k | \mathbf{x}_k, \mathbf{m}) P(\mathbf{x}_k, \mathbf{m} | \mathbf{Z}_{0:k-1}, \mathbf{U}_{0:k}, \mathbf{x}_0)}{P(\mathbf{z}_k | \mathbf{Z}_{0:k-1}, \mathbf{U}_{0:k})}. \quad (1.1)$$

2 ...

Bibliography

- [1] S. Blackmand and R. Popoli, *Design and Analysis of Modern Tracking Systems*. Artech House, first ed., 1999.