

Gait Sequence Estimation using Hidden Markov Models

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ECE final year
UCT

Final year project presentation

November 16, 2017

Introduction

Things in a Bulleted List

Introduction

Things in a Bulleted List

- Bullets that

Introduction

Things in a Bulleted List

- Bullets that
- Come up

Introduction

Things in a Bulleted List

- Bullets that
- Come up
- One by one

HMM parameters

- N

HMM parameters

- N
- T

HMM parameters

- N
- T
- $Q = q_t$

HMM parameters

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- T
- $Q = q_t$
- K

HMM parameters

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- $V = \{v_1, v_2, \dots, v_K\}$

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-

$$\phi(O_t) = \sum_{m=1}^M \beta_{jm} \eta(\mu_{jm}, \Sigma_{jm}, O_t),$$

Pictures



(a) First Frame



(b) Middle Frame



(c) Last Frame

A Movie

- Movies only seem to work in Adobe Reader
- Movie file is not embedded, it must be on the computer

Credits

- Brought to you by www.shawnlankton.com
- Please let me know about improvements!
- This was supposed to look like a KeyNote Show
- inspiration: <http://www.ucl.ac.uk/ucbpeal/latexposter.html>
- inspiration: [http://newsgroups.derkeiler.com/...](http://newsgroups.derkeiler.com/) (in code)

Questions