# Gait Sequence Estimation using Hidden Markov Models

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Final year project presentation

November 16, 2017

Things in a Bulleted List

Bullets that

- Bullets that
- Come up

- Bullets that
- Come up
- One by one

Equations are easy

• N

- N
- •

- N
- •
- $\overline{Q} = q_t$

- N
- •
- $\overline{Q} = \overline{q_t}$
- K

- N
- •
- $\overline{Q} = \overline{q_t}$
- K
- $V = \{v_1, v_2, ..., v_K\}$

- N
- T
- $\bullet \ Q = q_t$
- K
- $V = \{v_1, v_2, ..., v_K\}$
- $\pi = \pi_i$
- $A = \{a_{ij}\}$

- N
- 1
- $Q = q_t$
- K
- $V = \{v_1, v_2, ..., v_K\}$
- $\pi = \pi_i$
- $A = \overline{\{a_{ij}\}}$
- $\Phi = \{\phi_j(k)\}$

- N
- 1
- $Q = q_t$
- K
- $V = \{v_1, v_2, ..., v_K\}$
- $\pi = \pi_i$
- $A = \{a_{ij}\}$
- $\Phi = \{\phi_i(k)\}$

$$\mathbf{p}^* = \underset{\mathbf{p}}{\operatorname{argmin}} \ \sum_{\mathbf{x}} \left[ I(\mathbf{W}(\mathbf{x}; \mathbf{p})) - T(\mathbf{x}) \right]^2$$

Things in a Bulleted List

The Evaluation Problem

- The Evaluation Problem
- The Decoding Problem

- The Evaluation Problem
- The Decoding Problem
- The Training Problem

# Pictures



#### A Movie

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

**Short Title** 

#### 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/... (in code)

## Questions