Department of Computer Science
Series of Publications A
Report A-2014-0

Example Thesis with a Long Title

John Smith

To be presented in ... text of a long permission notice. Text of a long permission notice. Text of a long permission notice. Text of a long permission notice. Text of a long permission notice. Text of a long permission notice.

University of Helsinki
Finland

Supervisor
John Smythe, University of Helsinki, Finland

Pre-examiners
Eva Johnson, University of Edinburgh, United Kingdom
Matti Suomalainen, University of Turku, Finland

Opponent
John Smithe, University of Amsterdam, The Netherlands

Custos
Petra Nielsen, University of Helsinki, Finland

Contact information

Department of Computer Science
P.O. Box 68 (Gustaf Hällströmin katu 2b)
FI-00014 University of Helsinki
Finland

Email address: info@cs.helsinki.fi
URL: http://cs.helsinki.fi/
Telephone: +358 2941 911, telefax: +358 9 876 4314

ISSN 1238-8645
ISBN 000-00-0000-0 (paperback)
ISBN 000-00-0000-0 (PDF)
Computing Reviews (1998) Classification: A.0, C.0.0
Helsinki 2014
Unigrafia

Example Thesis with a Long Title

John Smith

Department of Computer Science
P.O. Box 68, FI-00014 University of Helsinki, Finland
John.Smith@cs.helsinki.fi
http://cs.helsinki.fi/John.Smith/

PhD Thesis, Series of Publications A, Report A-2014-0
Helsinki, September 2014, 7 pages
ISSN 1238-8645
ISBN 000-00-0000-0 (paperback)
ISBN 000-00-0000-0 (PDF)

Abstract

This is a sample sentence that should look like normal text, and this is another. This is a sample sentence that should look like normal text, and this is another. This is a sample sentence that should look like normal text, and this is another.

This is a sample sentence that should look like normal text, and this is another. This is a sample sentence that should look like normal text, and this is another.

Computing Reviews (1998) Categories and Subject Descriptors:
A.0 Example Category
C.0.0 Another Example

General Terms:
thesis, example, another example, still more examples, more and more examples

Additional Key Words and Phrases:
example, an example phrase with many words

Acknowledgements

This is a sample sentence that should look like normal text, and this is another. This is a sample sentence that should look like normal text, and this is another. This is a sample sentence that should look like normal text, and this is another.

Contents

Chapter 1

Reinforcement Learning

1.1 Markov Decision Process

1.2 Partially Observable Markov Decision Process

1.3 Dynamic Programming

1.4 Reinforcement Learning Methods

1.4.1 Temporal Difference Learning

1.4.2 Q-Learning

1.4.3 Adaptive Heuristic Critic

1.4.4 Prioritised Sweeping

1.4.5 Policy Gradient Methods

1.5 Classification of the Regarded RL Problems

1.5.1 High-Dimensionality

1.5.2 Partial-Observability

1.5.3 Continuous State and Action Spaces

1.5.4 Data-Efficiency

Chapter 2

Recurrent Neural Networks

Chapter 3

Prior Arts of Combining RNN and RL

3.1 Neural Actor-Critic(idasi's group)

3.2 LSTM with POMDP objective function

3.3 PhD thesis, by Remi Coulom ?

3.4 DQN?

3.5 Hybrid Approch(RL with RNN)

3.6 Recurrent Models of Visual Attention?

3.7 stanley gecco021 2002?

Chapter 4

Experiment

4.1 RNN(LSTM) Implementation

4.2 Cart-pole Balancing Simulator

4.3 Learning a task of stacking wooden blocks

This is a sample sentence that should look like normal text, and this is another. This is a sample sentence that should look like normal text, and this is another. This is a sample sentence that should look like normal text, and this is another.

Theorem 4.1 *This is a sample sentence that should look like normal text, and this is another:*

$$y = x + 3$$

Proof. This is a sample sentence. □

References

[1] Smith, John. Example Document.