

Presentation Title

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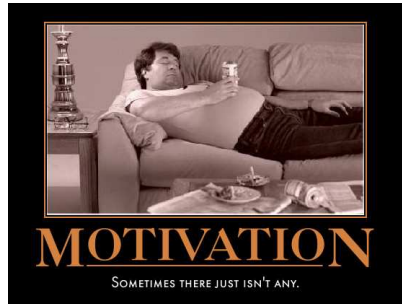
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International Workshop of Couch Potatoes, Munich, 11/16/2012

Why are we addressing this problem?

- Aaa
- Bbb
- Ccc



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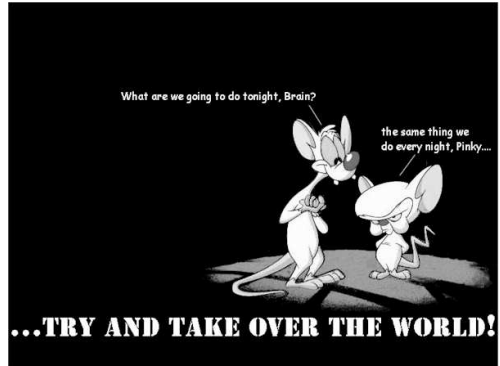
This is why!

Introduction

Approach Definition

Results

Summary



Problem

$$x^* = \arg \min_{x \in \mathcal{X}} \int J(x, t) dt$$

Challenges:

- Curse of dimensionality
- Non-linear model/constraints
- No analytical solution
- Noisy Measurements
- Real-time capability

Solution

Solve Problem

Normal cite: [Molin and Hirche 2012]

Bigger cite: [Molin and Hirche 2012]

Variable number of authors:

- 2 authors: [Lawitzky, Hernandez, et al. 2012]
- 3 authors: [Lawitzky, Hernandez, and Hirche 2012]

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Martin Lawitzky, JM Hernandez, and Sandra Hirche.

Rapid prototyping of planning, learning and control in physical human-robot interaction.

In: *13th International Symposium on Experimental Robotics (ISER)*. 2012, pp. 819–824.



Adam Molin and Sandra Hirche.

On the optimality of certainty equivalence for event-triggered control systems.

In: *IEEE Transactions on Automatic Control* (2012), pp. 470–474.

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