

Imposing a Weight Norm Constraint for Neuro-Adaptive Control

IEEE European Control Conference (ECC) 2025

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May 13, 2025

1 Background and Contributions

- Introduction to Neuro-Adaptive Control
- Limitations of Neuro-Adaptive Control

2 Proposed Method

- Weight Norm Constraint

3 Numerical Validation

- Simulation Setup
- Simulation Results

4 Conclusion

- Conclusion and Future Work

5 Presentation

- introduction
- fonts
- footnotes

6 Collections

- lists
- tables
- blocs

7 Next section

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8 One more section

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Standard Block

This is a standard block.

Alert Message

This block presents alert message.

An example of typesetting tool

Example: MS Word, \LaTeX

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Weight Norm Constraint

- This is a list item.
- This is another list item.

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Weight Norm Constraint

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Weight Norm Constraint

- This is a list item.
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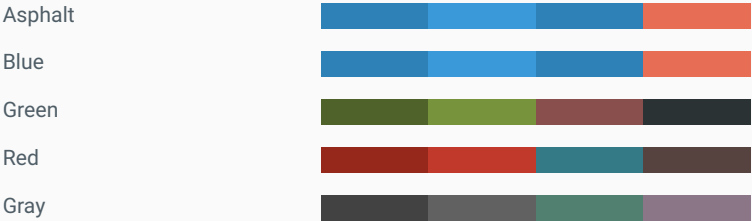
Thank you for your attention!

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Flux is a modern style beamer presentation. It is provided as a work in progress version and may suffer from inconsistencies. Sources and complementary information are available at

github.com/pvanberg/flux-beamer

Flux provides five different color palettes.
`\usepackage[style=asphalt]{flux}`



Flux recommends the use of Roboto or Overpass font and a font size of 9pt.

```
\documentclass[9pt]{beamer}  
\usepackage[sfdefault]{roboto}
```

Flux also implements default typographies.

- Regular
- Alert
- Example
- *Italic*
- **Bold**

Flux also includes custom footnote integration. For instance, this **element**¹ and this **element**² provide a footnote.

¹Footnotes are notes placed at the bottom of a page. They cite references or comment on a designated part of the text above it. For example, say you want to add an interesting comment to a sentence you have written, but the comment is not directly related to the argument of your paragraph.

²Footnotes are not just for interesting comments, however. Sometimes they simply refer to relevant sources – they let your reader know where certain material came from, or where they can look for other sources on the subject.

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Items

- Cats
- Dogs
- Birds

Enumerations

1. First
2. Second
3. Last

Descriptions

- Apples Yes
- Oranges No
- Grappes No

Note the following demo slides are directly taken from metropolis theme. Copyright 2014 Matthias Hanel. Give a look at <https://github.com/matze/mtheme/tree/master/demo>

Table: Largest cities in the world (source: Wikipedia)

City	Population
Mexico City	20,116,842
Shanghai	19,210,000
Peking	15,796,450
Istanbul	14,160,467

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Mexico City	20,116,842
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Flux theme comes with three pre-defined block style collections.
Native style (default) available as `\setblockstyle{native}`

Default

Block content.

Alert

Block content.

Example

Block content.

Flux theme comes with three pre-defined block style collections.
NoBackground style available as `\setblockstyle{nobackground}`

Default

Block content.

Alert

Block content.

Example

Block content.

Flux theme comes with three pre-defined block style collections.
Metropolis style available as `\setblockstyle{metropolis}`

Default

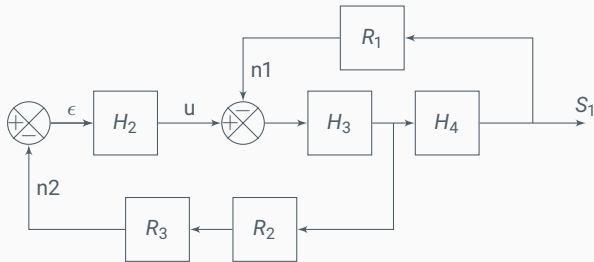
Block content.

Alert

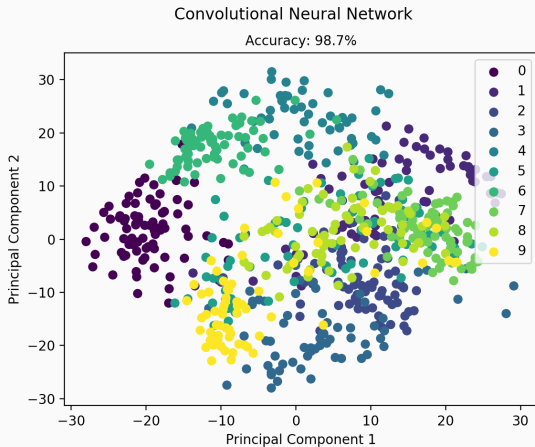
Block content.

Example

Block content.



Bloc diagram example from **texample.net**



Binary Softmax classifier

$$\sigma(\sum_i w_i x_i + b)$$

Loss function

$$L_i = -\log\left(\frac{e^{f_{y_i}}}{\sum_j e^{f_j}}\right)$$

cross entropy

This is a plain frame.
Use it to display full page images.

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Inspired by **Metropolis** theme from Matthias Vogelgesang.
<https://github.com/matze/mtheme>