

# ILC Exam Report

## Implementation of f-ILC

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# Outline

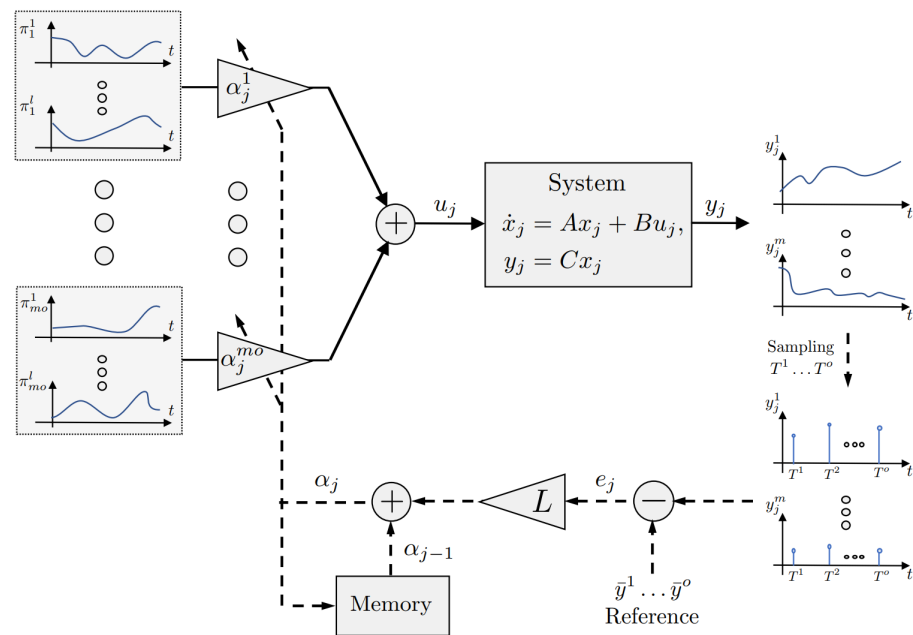
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# Overview

- Implementation of “Iterative Learning in Functional Space for Non-Square Linear Systems” by *C. Della Santina* and *F. Angelini*<sup>1</sup>.
- Julia<sup>2</sup> Code found at [https://github.com/PaioPaio/ILC\\_exam](https://github.com/PaioPaio/ILC_exam)

# What is Iterative Learning Control ?

# What is functional ILC ?



# What is ILC ?

## Bibliography

1. Della Santina, C. & Angelini, F. Iterative Learning in Functional Space for Non-Square Linear Systems. in *2021 60th IEEE Conference on Decision and Control (CDC)* 5858–5863 (IEEE, Austin, TX, USA, 2021). doi:10.1109/CDC45484.2021.9683673
2. Bezanson, J., Edelman, A., Karpinski, S. & Shah, V. B. Julia: A Fresh Approach to Numerical Computing. *SIAM Review* **59**, 65–98 (2017)