UNIVERSITÀ DEGLI STUDI DI MILANO

FACOLTÀ DI SCIENZE E TECNOLOGIE

Master degree in Physics

Title

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Summary

Results

0.1 RB fidelity optimization

disclaimer: this first study was performed using Main idea: improve fidelity (which one?) fine tuning the calibration

0.1.1 Randomized Benchmarking

Randomized Benchmarking on `qua`

0.1.2 OPtimization methods

`Optuna`

`Scipy` **methods**

- SQLP ?
- Nelder-Mead -¿ approfondimento

CMA - genetics algorithm

0.2 RX90 calibration

0.3 Flux pulse correction

Acknowledgement