Documentation for Algorithms for Massive Datasets project: Turkish lira recognizer

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Contents

1 Introduction

The Objective of this project is to build a Turkish Lira banknotes image recognizer through a Convolutional Neural Network. The proposed solution is ... (esporre richiesta, step che verranno eseguiti, obiettivi delle varie fasi, predizione dei possibili risultati raggiungibili)

2 The Turkish Lira banknotes dataset

The chosen dataset <add ref> is originally composed of 6000 images of Turkish Lira banknotes, organized in folders grouping banknotes by their value and already splitted in training and validation set.

2.1 Preprocessing techniques applied to the dataset

batching ecc

2.2 Considered algorithms and their implmentation

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3 Scalability of the proposed solution

4 Experiments and results

5 Conclusions

Esempio di citazione[1]

References

[1] Michel Goossens, Frank Mittelbach, and Alexander Samarin. *The LaTeX Companion*. Addison-Wesley, Reading, Massachusetts, 1993.

[2] Albert Einstein. *Zur Elektrodynamik bewegter Körper*. (German) [*On the electrodynamics of moving bodies*]. Annalen der Physik, 322(10):891–921, 1905.

[3] Knuth: Computers and Typesetting,
`http://www-cs-faculty.stanford.edu/~uno/abcde.html`