

Machine learning con applicazioni

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Abstract

The aim of this project is to train neural networks for the classification of chess pieces.

1 Dataset

The dataset ¹ is composed by 6400 rows and 1025 columns.

- Each row represents an image of a chess piece with the respective square color in greyscale;
- the first column is the
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[Bergstra and Bengio(2012)]

References

[Bergstra and Bengio(2012)] J. Bergstra and Y. Bengio, J. Mach. Learn. Res. **13**, 281–305 (2012).

¹The dataset can be found at the link <https://www.kaggle.com/datasets/mr11261/chess-squares-from-chess-diagrams>