Report 10-12-2018

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December 11, 2018

1 Identifying written characters

Part of the project will be to identify/classify hand-written characters from the *omniglot*[1] dataset[1]. We pre-processed the characters in the library to centre them using their centre of mass as the middle of the image. We will normalize pixel values so that every character 'emits the same energy'. In the end we would like to make every character send the same number of spikes to the classifying network.

References

[1] Brenden M. Lake, Ruslan Salakhutdinov, and Joshua B. Tenenbaum. Human-level concept learning through probabilistic program induction. *Science*, 350(6266):1332–1338, 2015.

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[1]https://github.com/brendenlake/omniglot