NNV-Yang-Ali.md 2023-12-10

Neural Network Verification

For instruction, please direct to this link first:

Github link.

Later links are optimized for GitHub structure, therefore, please first open the GitHub link and then use the links inside the README file.

Using α , β -CROWN

This part could be tested using online notebook, check the link here. You could also check the local file here. It's better to run this online.

For any problem please contact:

Alireza Jafari, University of Virginia (jrp5td@virginia.edu)

Yang Yang, University of Virginia (xqg5sq@virginia.edu)

Using Fairify

For this part, please check this README for detailed information.

For any problem contact:

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Credits

Credits are mentioned in both notebook file here and readme file here.

Thanks for the authors who created and released these tools, and thanks for Prof. Elbaum for instructions duing this project.