UNIVERSITY OF COPENHAGEN
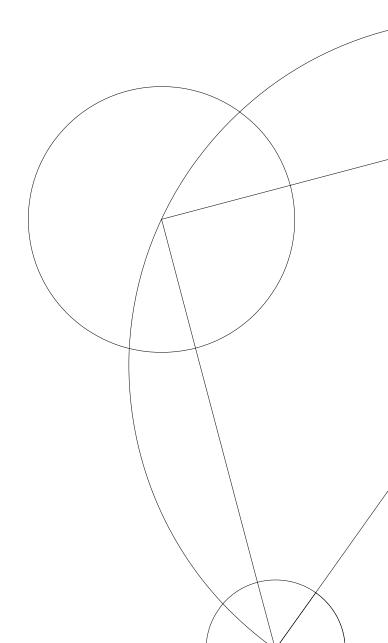**Department of Computer Science (DIKU)**

Project Outside the Course Scope

Closure Plots for Basic Arithmetics

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Closure Plots for Basic Arithmetics

DIKU - Project Outside the Course Scope

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Period	:	Block 5
Year	:	2016
Pages	:	29
Github	:	https://github.com/Amr116/ClosurePlots

Certificate

This is to certify that the work contained in the thesis entitled "Closure Plots for Basic Arithmetics" by Amr El Sayed has been carried out under our supervision and that this work has not been submitted elsewhere.

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1   Abstract

However, simulations with rounded arithmetic are simply guesses and guidance, not proof of anything.

The floating point has computation lacks mathematical rigor, and the simulations with rounded arithmetic are simply guesses and guidance, not proof of anything, and since a rounded number is by definition the substitution of an incorrect number for the correct one. Therefore The purpose of " Closure Plots for Basic Arithmetics" is to create visualization tool for illustrate basic arithmetics simulation to floating point during, and then highlight the bits lacks to those elementary operations.

Resume

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