Cover Report

MATC15 - Project - Final Submission

Andrew D'Amario, Kevin Santos, Dawson Brown March 2021

Kevin Santos' role was to research the Andrwe D'Amario's role was to After conjecturing that sum of n terms raised to the power of n is equal to one term raised to the power of n has a non-trivial solution, I focused on the computational analysis in the search to find solutions to the sum. After building a naive algorithm and completing it with Dawson, we found it to be for to This then me to computationally analyzing patterns of powers $\mod N$ so as to reduce the complexity of such, and conjecturing on my findings.

Kevin Santos:

Dawson Brown:

Andrew D'Amario: