Homework 17

Stark Arithmetisation

Using the notation $A_{i,j}$ to refer to the value in cell for row i, column j

Write as many boundary and line constraints as you can for a program designed as follows :

Column 1 is the row, column 2 is an increment, column 3 is an accumulator.

At each step we add the increment value to the accumulator.

The starting values for the accumulator and increment are 0.

The increment is always positive and less than 10.

The program starts at step 0 and finishes at step 119