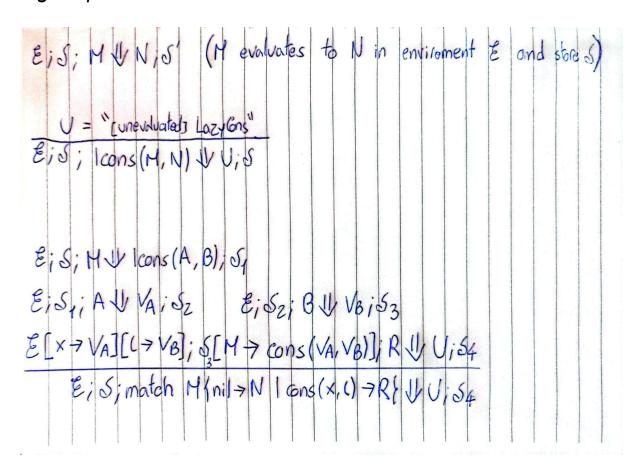


Lazy Lists Implementation Report

Big Step Semantics:



Code Implementation:

To implement the Lazy Lists in the project I created the VLCons, to represent the value of a Lazy List, different from the VCons, which only represents the regular lists.

I also updated ASTMatch and the ASTCons to implement the lazy lists and their behaviour when being used and evaluated.

To make sure that when a Lazy List is accessed in a match, it creates a normal list, I made it so that VLCons, when VLCons.lazyeval() is called, it returns a new VCons with the evaluated head and a new VLCons in the tail.