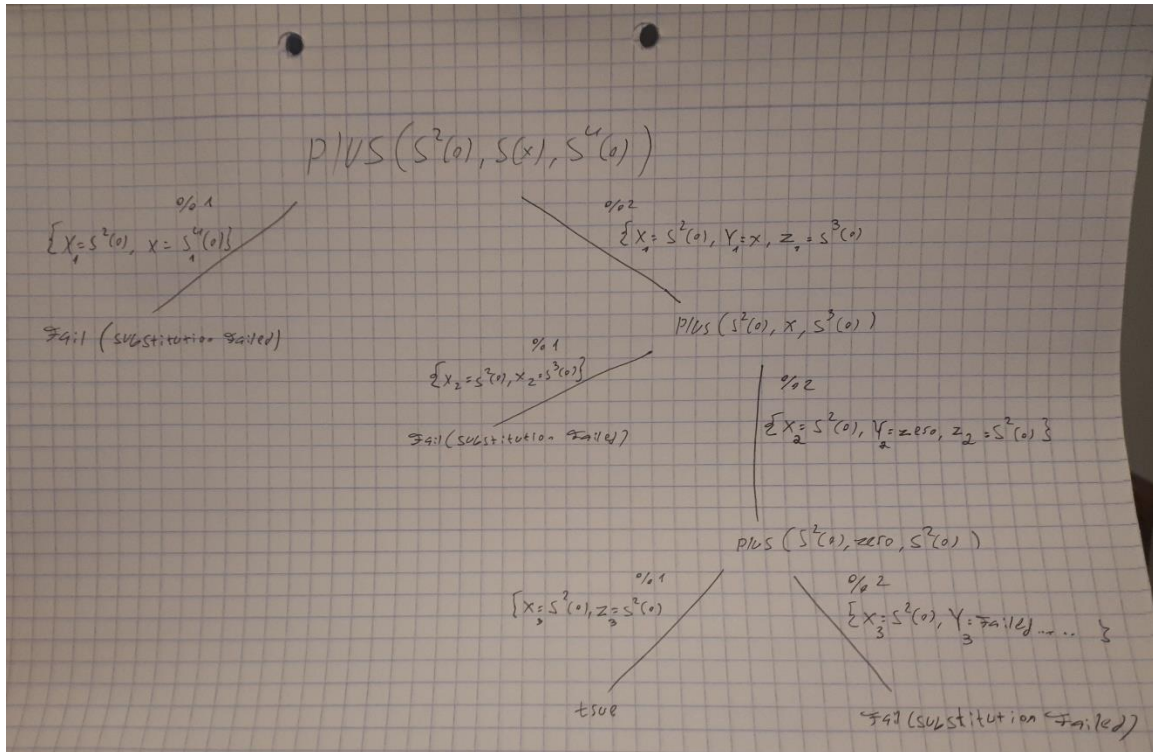


a)



b) There is only one answer:  $X = s(0)$ .

c) It is a success tree because it has a leaf labeled "true". If we follow the substitution we had bottom up, we can find the desired value of X.

d) It is a finite tree. It can easily be seen by the drawing. The tree is finite, all the paths end with a leaf and there are finite paths.