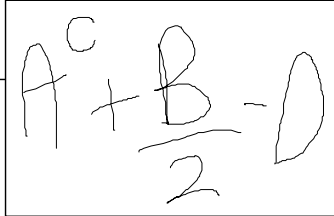
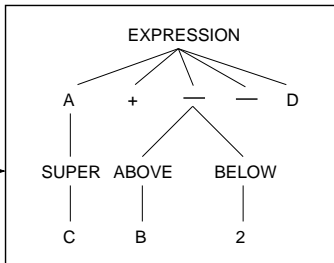


I. Layout Pass

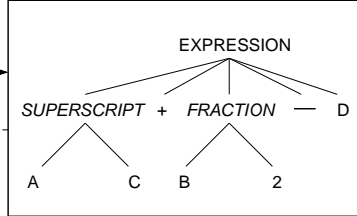


(a) Input Expression
(Symbols and Bounding Boxes)

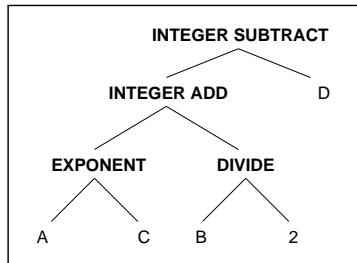


(b) Baseline Structure Tree (BST)

II. Lexical Pass



(c) Lexed Baseline Structure Tree



(d) Operator Tree

III. Expression Analysis Pass

`A ^{ C } + \frac { B } { 2 } - D`

(e) LaTeX String

LaTeX Generation