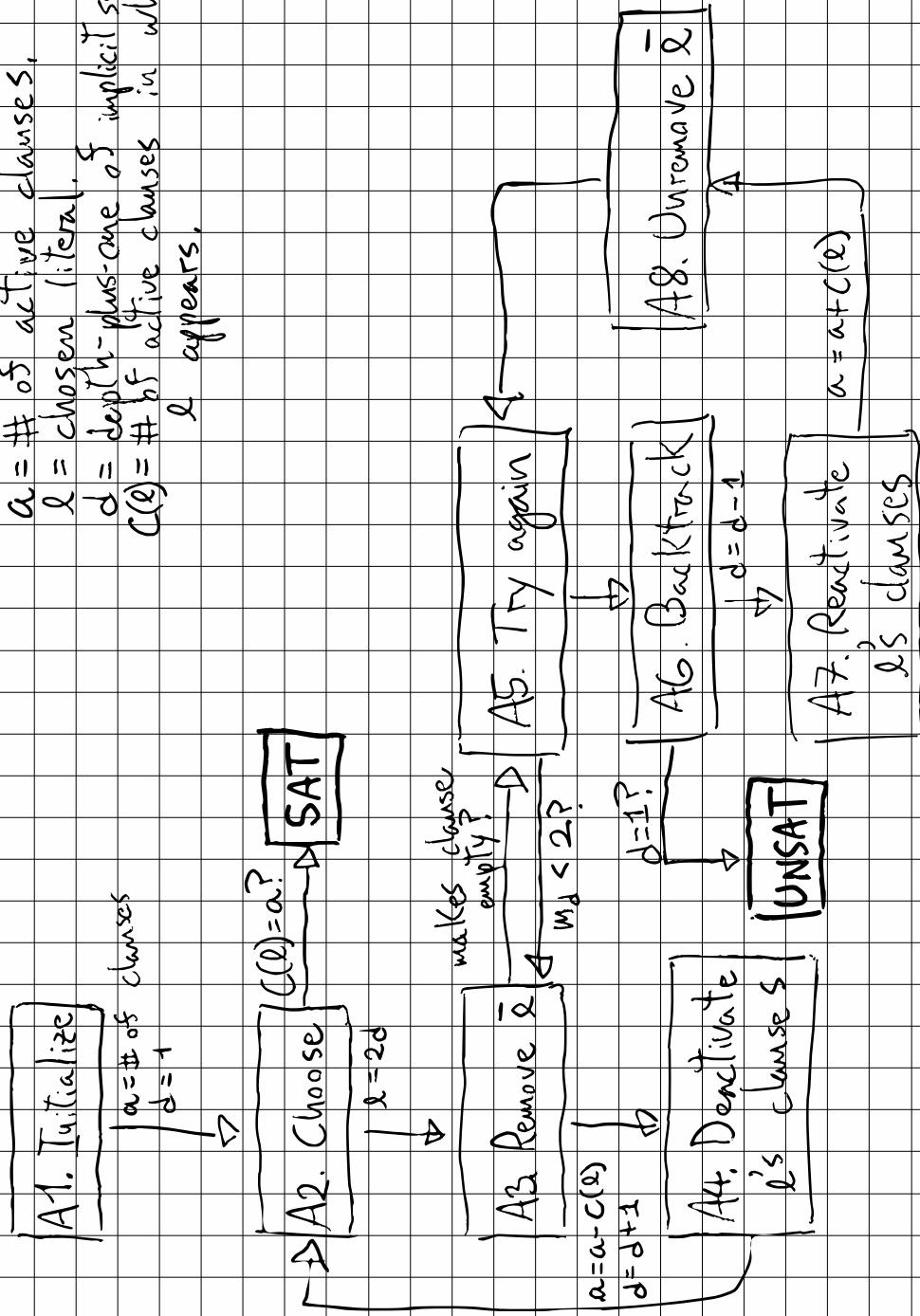


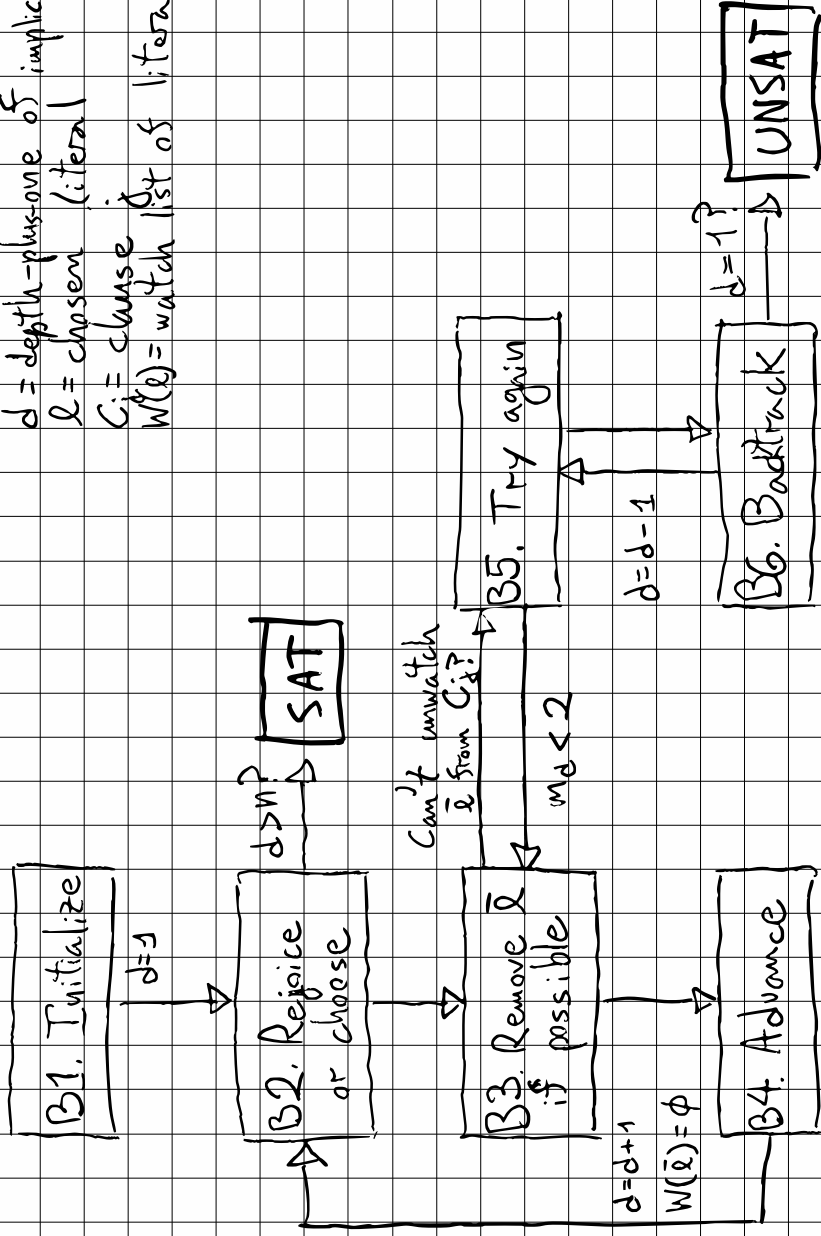
Algorithm A

$a = \#$ of active clauses,
 $l =$ chosen literal,
 $d =$ depth-plus-one of implicit search tree,
 $C(l) = \#$ of active clauses in which l appears,



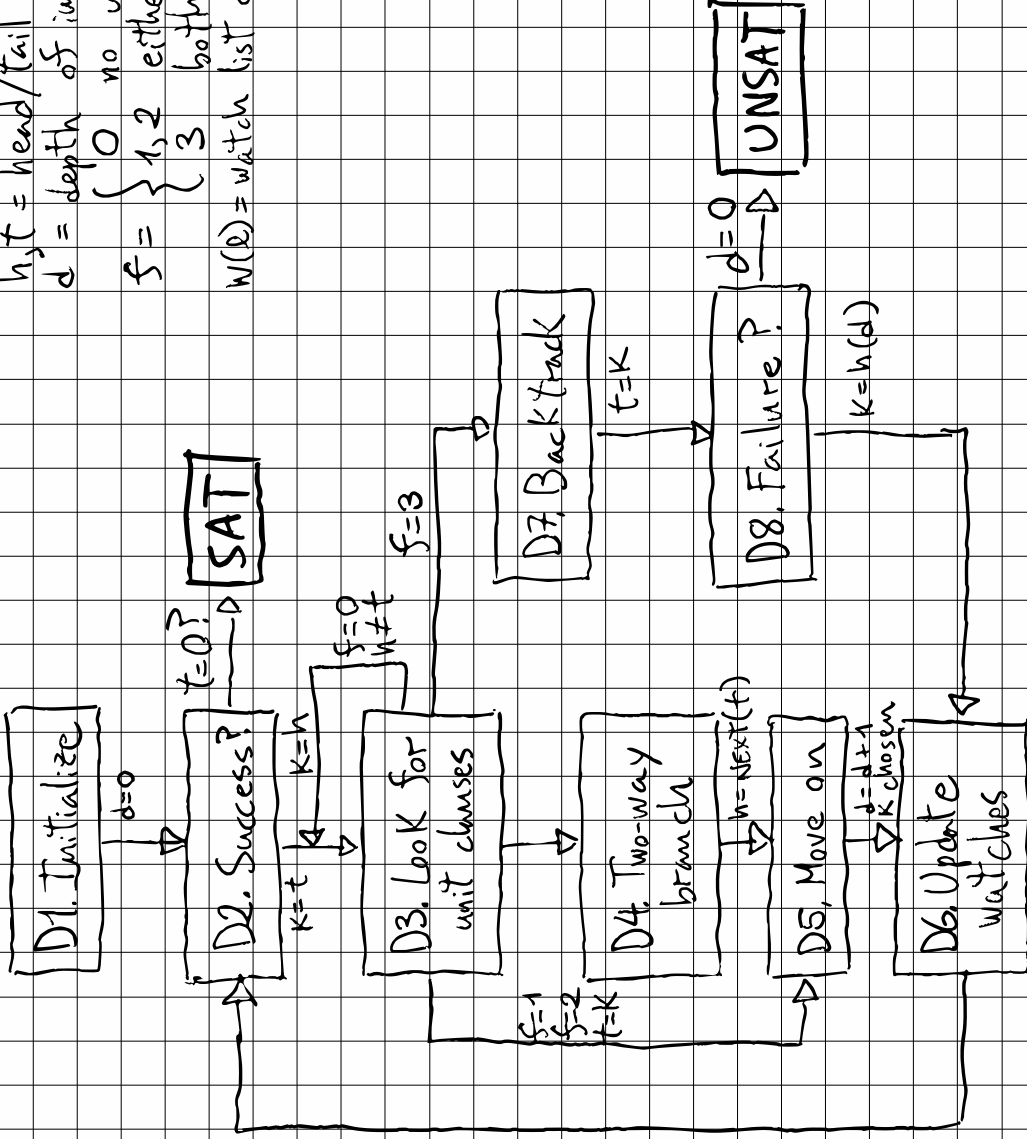
Algorithm B

d = depth-plus-one of implicit search tree
 \bar{x} = chosen literal
 C_i = clause
 $w(\bar{x})$ = watch list of literal \bar{x}



Algorithm D

h, t = head/tail of active ring
 d = depth of implicit search tree
 $f = \begin{cases} 0 & \text{no units} \\ 1, 2 & \text{either } l \text{ or } \bar{l} \text{ has units} \\ 3 & \text{both } l \text{ and } \bar{l} \text{ have units} \end{cases}$
 $w(l) = \text{watch list of literal } l$



Algorithm I

$C_1 \dots C_m$ = current clauses

