Algorithm

i Input: $M, C_1, \ldots, C_k, x_1, \ldots, x_n$

ii Init: let A be the assignment where each $a_i \in [0,1]$ is x_i's assignment

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1  if ¬M(C_1, ..., C_k)
2      return "not satisfiable
3  for i ∈ [1, 2, ..., n]
4      let X be the clause (x_i)*
5      if M(C_1, ..., C_k, X)
6          A[i] = 1
7      else, A[i] = 0
8      replace all x_i in {C_1, ..., C_k} with A[i]
9  end for
10 return A
```

*if unary clauses are allowed. if binary or greater clauses are required, let X be $(x_i \vee 0)$.

$O(n+1)$ calls to $M \rightarrow$ linear! (polynomial)