FILIP PLATA fp371335 PROBLEM3 We will obbune for now that it by obtain in phynomial time on loverhoping set, of the Olagh) given the formula. So teto obbune we have for our literate which along with their regation The algorithm will proceed as follows: - for every P: from overlagging set, we have choose some volution. total number of valuations is of the size O(u(n)), for time when it Some polynomial n. - We perform Substitution in the formula, simplify, propagate units.
- We arrive at 2-CNF formula, thanks to definition of set. This is in P So, phynomially many times we seen a phynomial algorithm, thus it is polynomial.