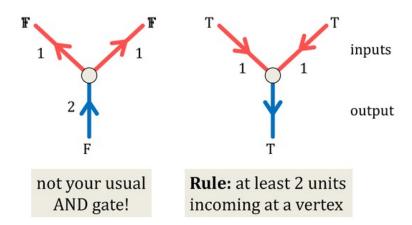
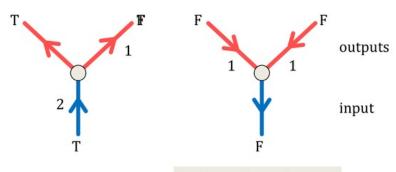
Gadget Framework

written by Hypersurreal on Functor Network original link: https://functor.network/user/425/entry/197

AND vertex

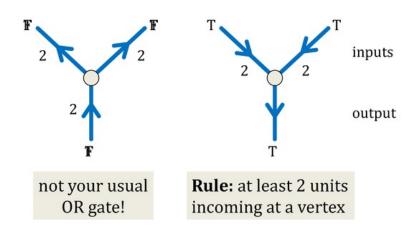


SPLIT vertex

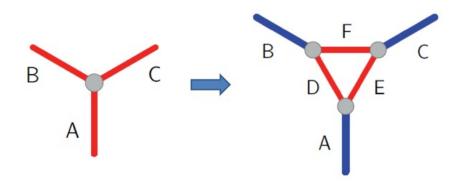


Rule: at least 2 units incoming at a vertex

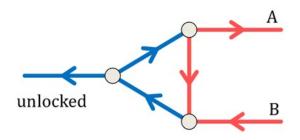
OR vertex



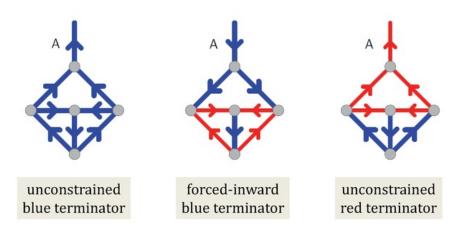
CHOICE vertex



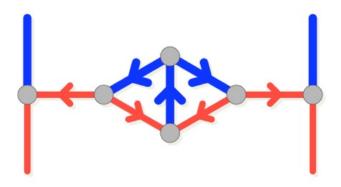
Latch



Wire Terminators

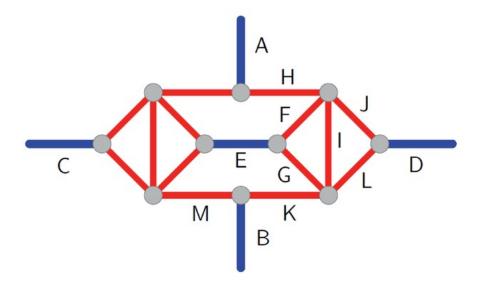


Red-Blue Conversion

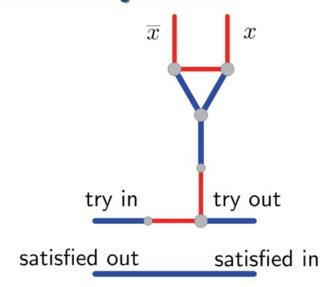


assume an even number of conversions

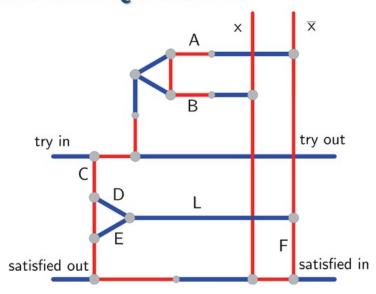
Crossover Gadget



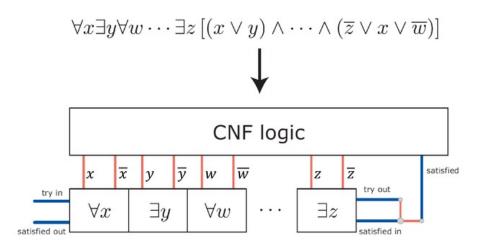
Existential Quantifier



Universal Quantifier



Quantified Boolean Formulas (QBF/QSAT)



Source: Visual Overview of Algorithmic Lower Bounds - Demaine