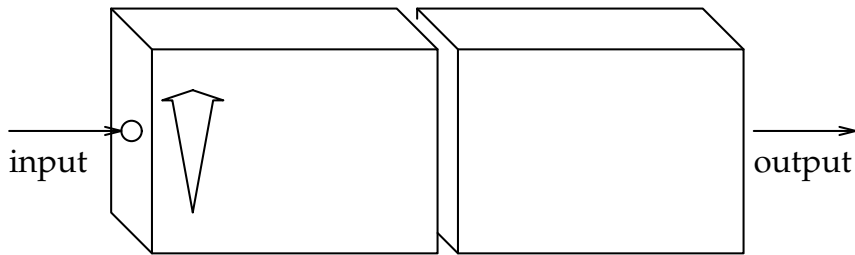
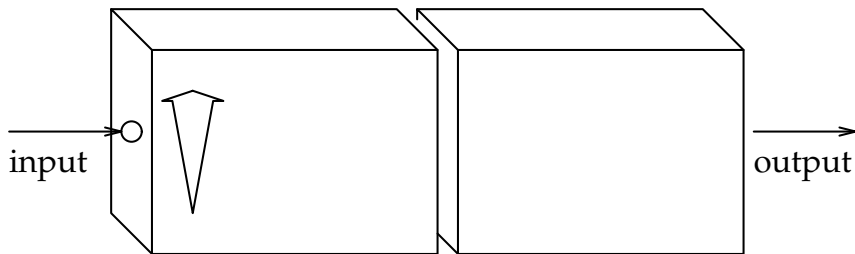


Stern-Gerlach Analyzer Loops



1st box = Stern-Gerlach analyzer
2nd box recombines the paths of atoms
leaving the + and - exits.

represented by



Paths are recombined in such a way that it is impossible to tell which branch an atom took.

Upon leaving the analyzer loop, an atom is in the identical state as when it entered.

(Sending an atom through an analyzer loop does nothing to the atom!)

If one of the branches is blocked, then the output atoms are in the same state as when they exited the unblocked branch of the analyzer.

