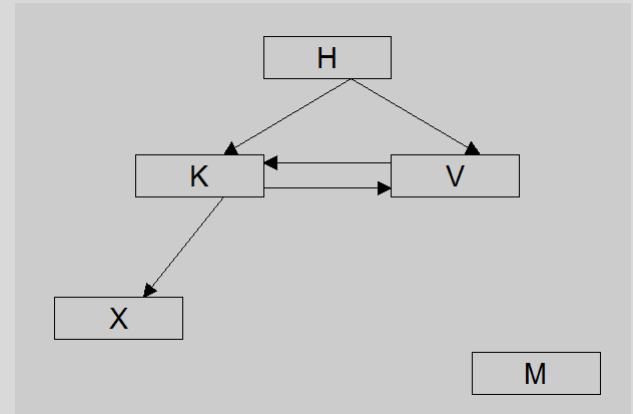
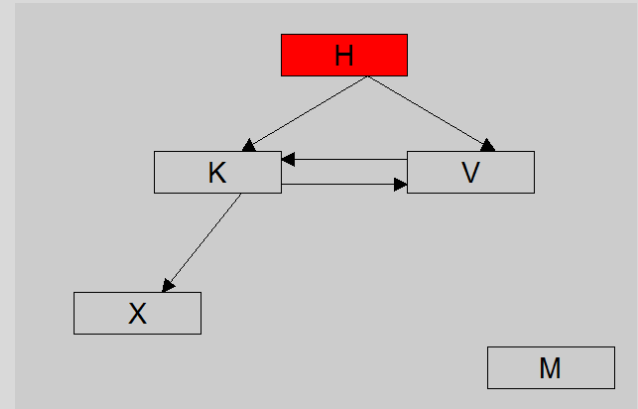


Welcome to the experiment. Please wait until the experimenter instructs you to begin.



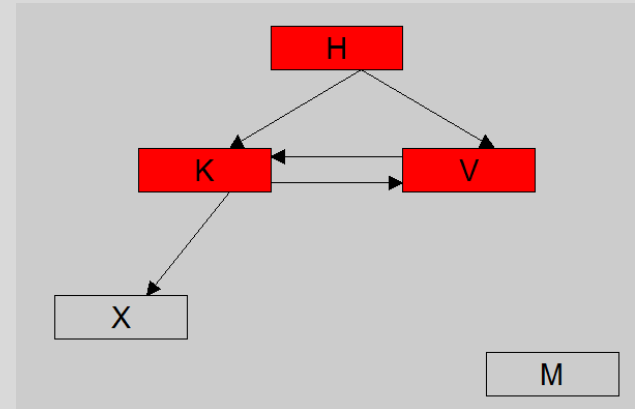
Here is a worldwide network of particle detectors.

The boxes are detectors and the arrows are satellite connections between them.

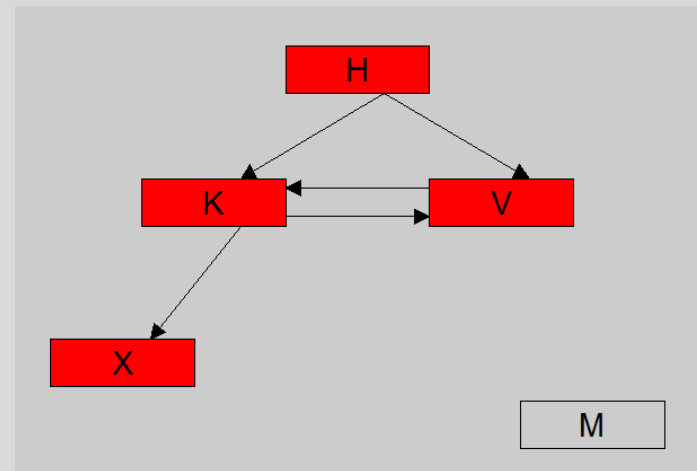


The detectors are designed to detect a rare type of particle called the mu-particle.

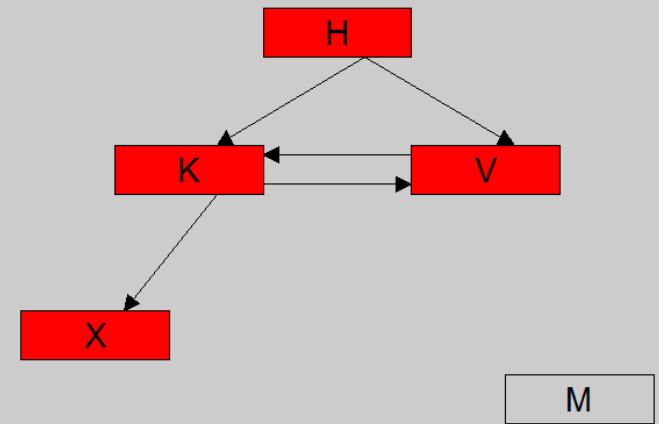
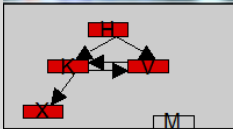
Here, one detector has detected a particle and has become active.



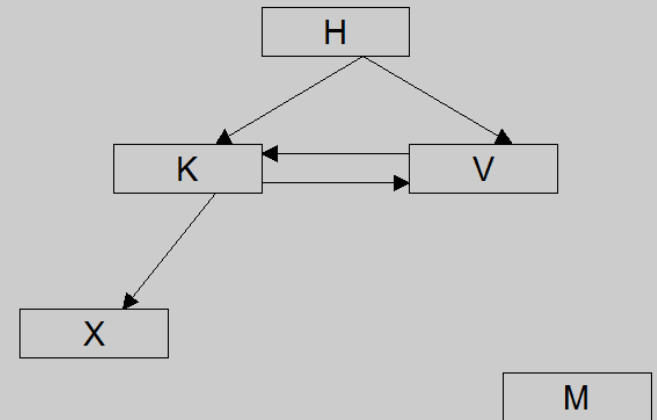
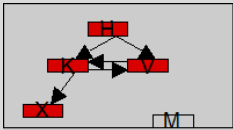
An active detector always activates all detectors that it points to.



These detectors do the same, and activation continues to spread through the network until all reachable detectors have been activated, bringing the system to a stable state.

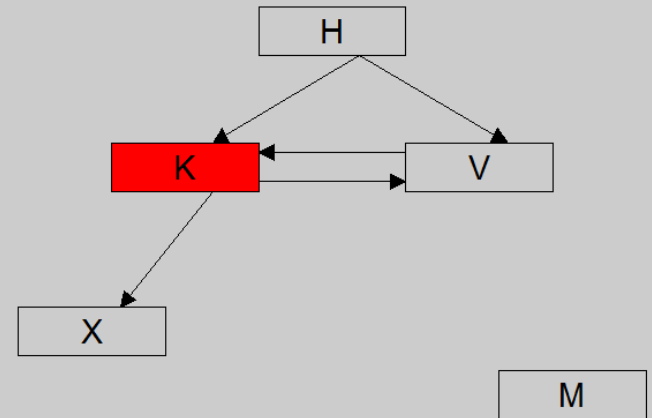
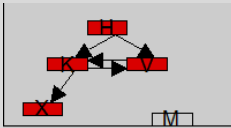


After the network reaches a stable state, this state will be shown in the observation panel in the upper left corner for reference.



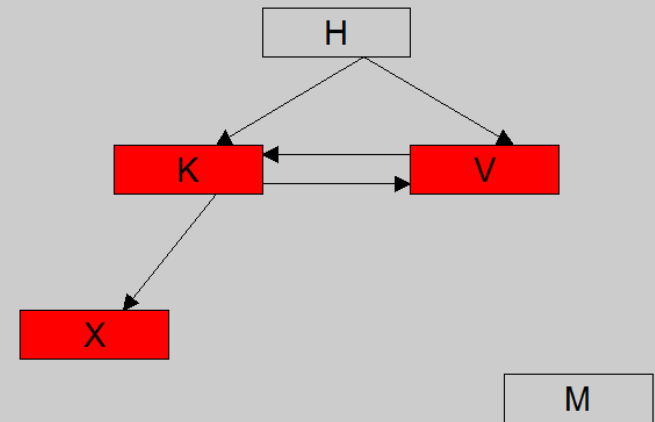
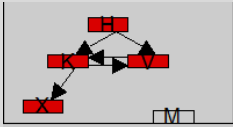
The network is then reset so it is ready to detect the next mu particle.

Press next for another example.

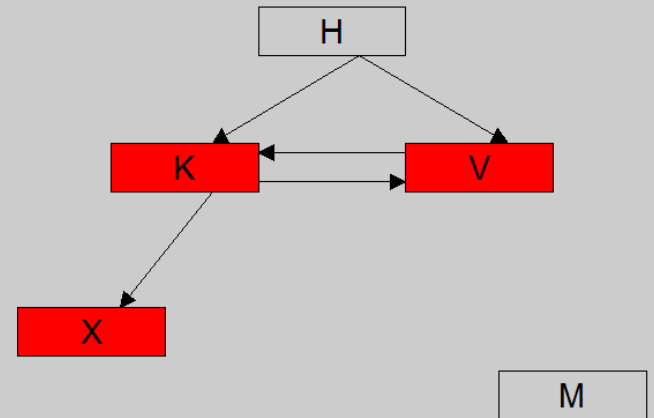
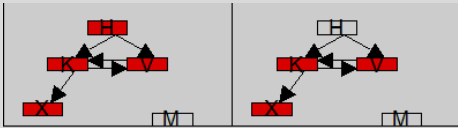


Here, a different detector has detected a particle and has become active.



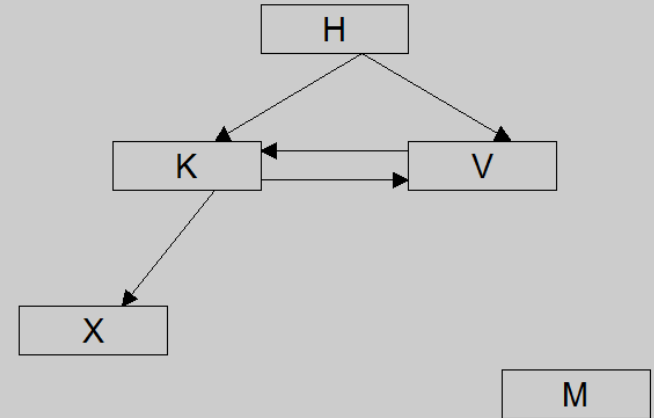
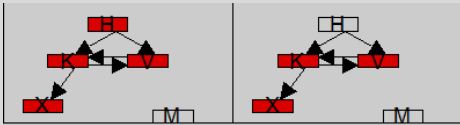


When all reachable detectors have been activated, the system reaches a stable state.



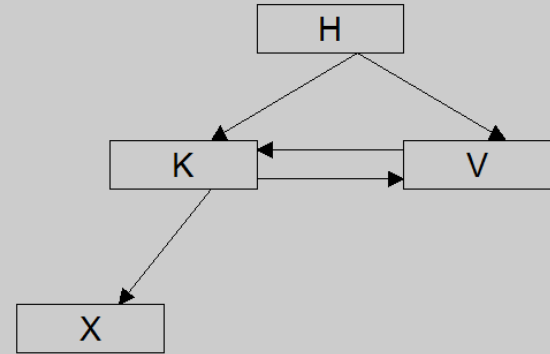
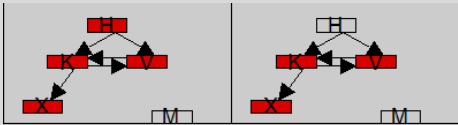
Now that the system has reached a stable state, this state is recorded in the observation panel.

Now the observation panel shows two stable states.

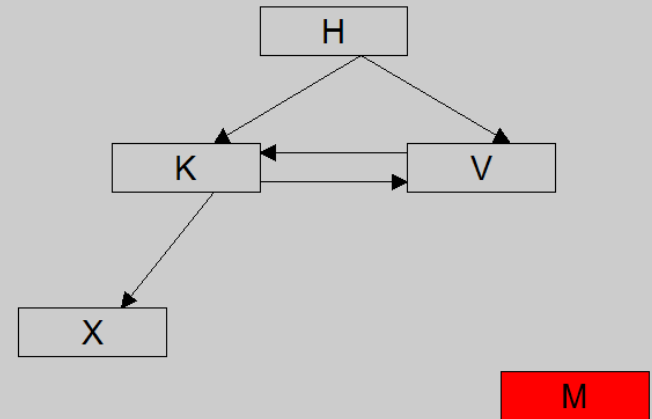
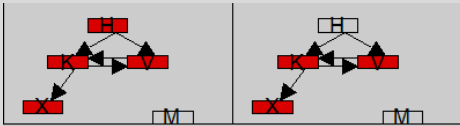


The network is then reset so it is ready to detect the next mu particle.

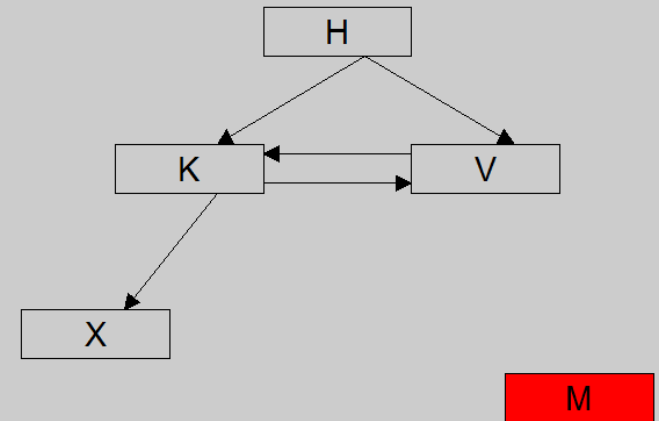
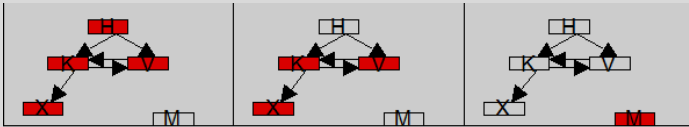
Press next for another example.



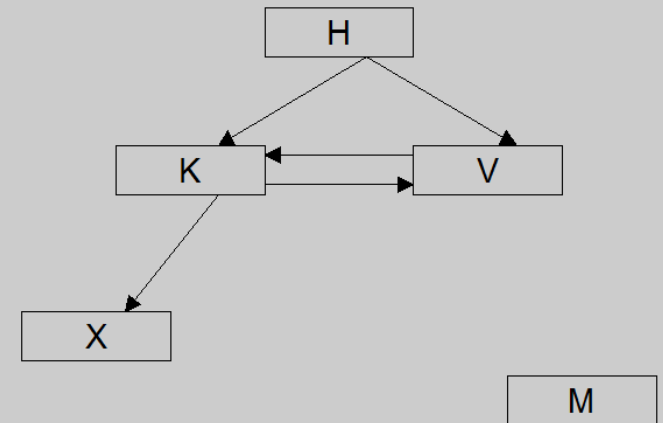
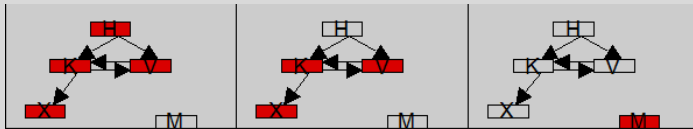
Here, a different detector has detected a particle and has become active.



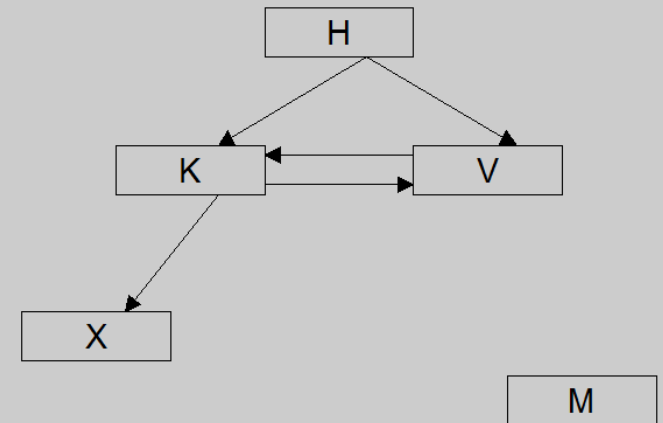
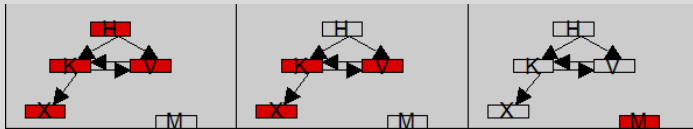
When all reachable detectors have been activated, the system reaches a stable state.



After the network reaches a stable state, this state will be shown in the observation panel in the upper left corner for reference.

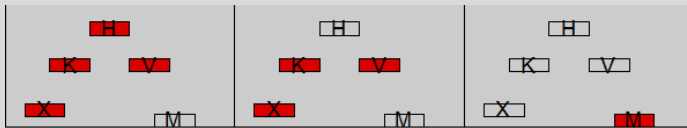


Please ask the experimenter any questions you have about how these networks work.



Please look carefully at the structure of this network, then click next.





H

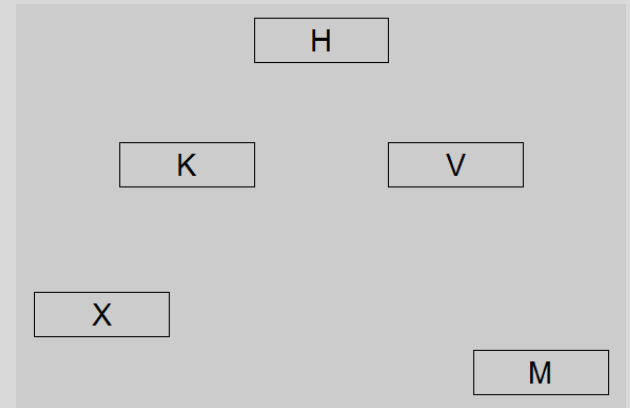
K

V

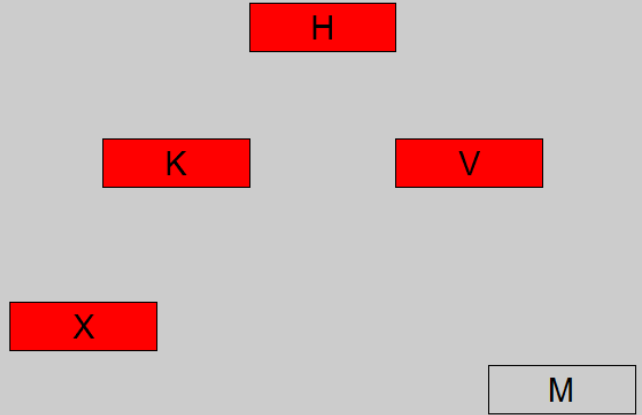
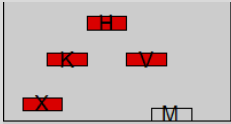
X

M

During the experiment, the arrows in the network will be hidden and you will need to figure out which arrows exist. Click next to see how the previous stable states would be presented during the experiment.

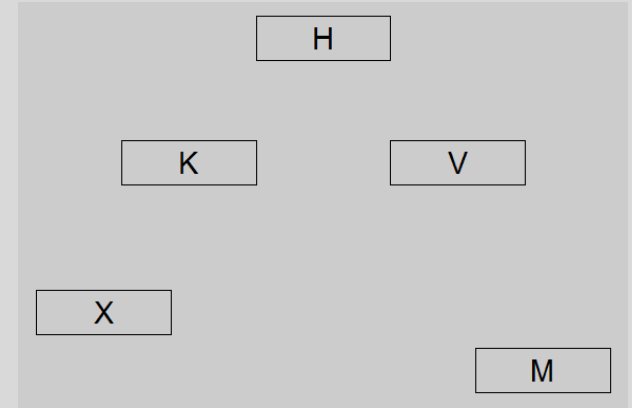
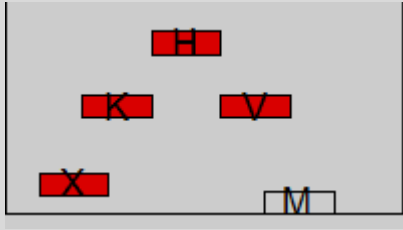


Here are the detectors:

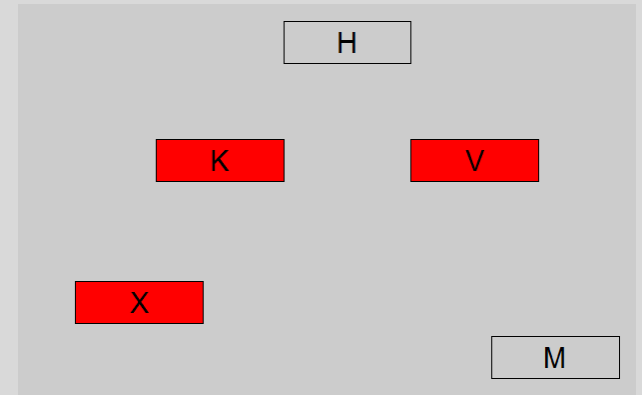


A particle has been detected, and the network has reached a stable state:

Note that you do not get to see the order in which the detectors activated. Shown on screen is the final stable state of the system.



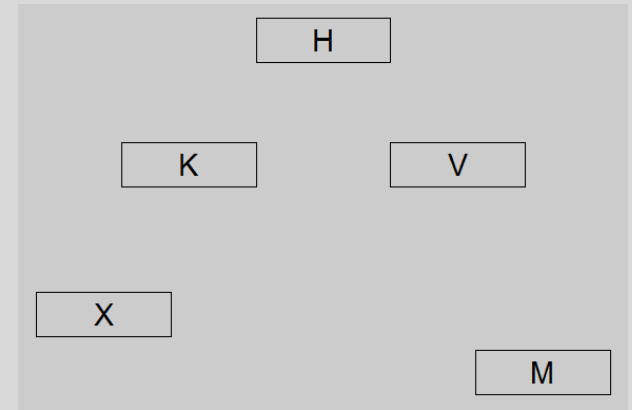
The network has been reset.



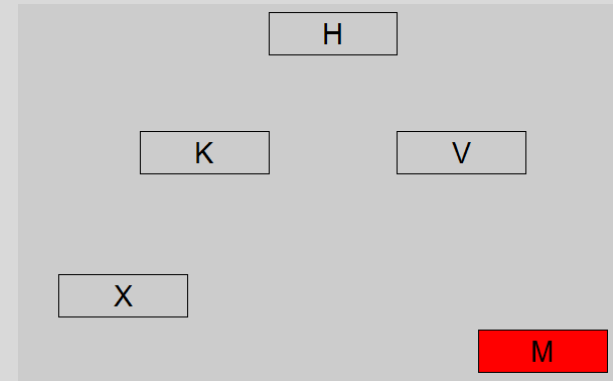
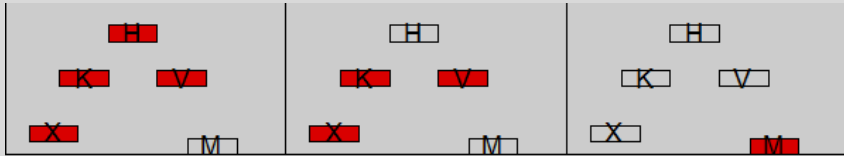
A particle has been detected, and the network has reached a stable state:

Again, you only get to observe the final stable state, not the order in which the individual detectors activated.

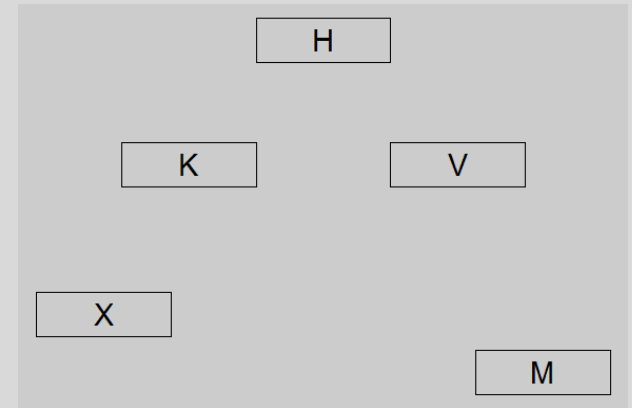
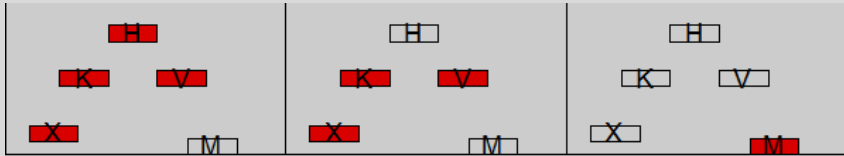
Original



The network has been reset.

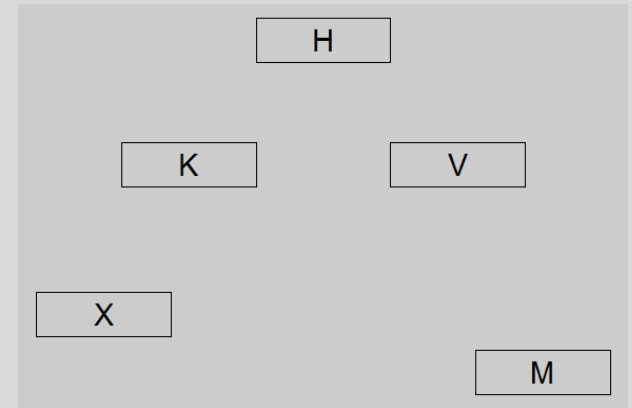
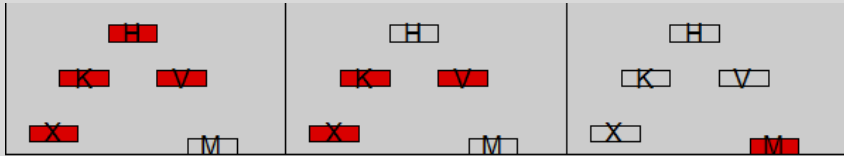


A particle has been detected, and the network has reached a stable state:

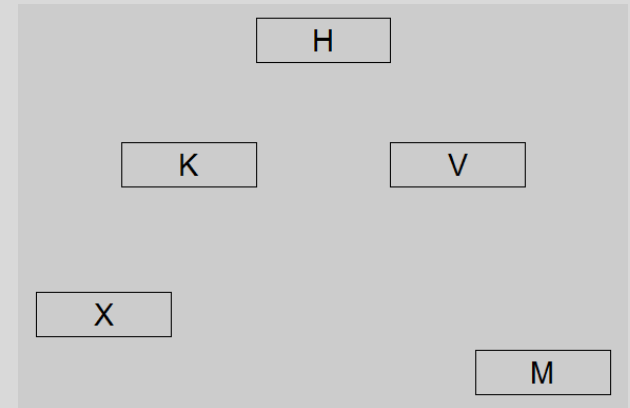
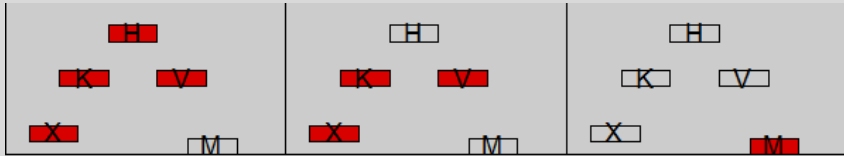


The network has been reset.





After seeing a number of stable states, your task will be to draw the underlying network.



Try drawing a network. The detectors will initially be shown in random positions, so drag them around as you wish.

Highlight a detector by holding shift and clicking it and connect it to another by shift-clicking the other.

You can remove connections in the same way.

Original

The experiment introduction is over. Please inform the experimenter that you are ready to proceed.