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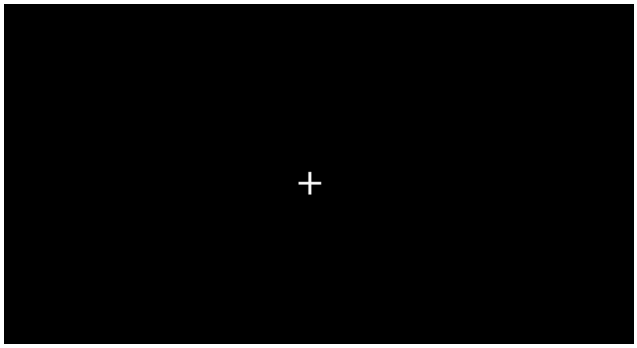
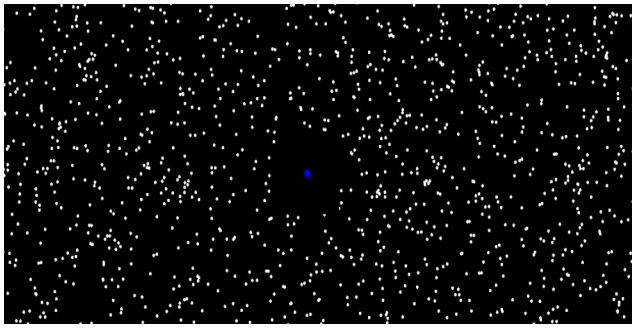
IBC Project: Mapping motion perception

In this experiment, you have to tell when the fixation dot in the center of the screen turns blue. Following is an example of what a run might look like:

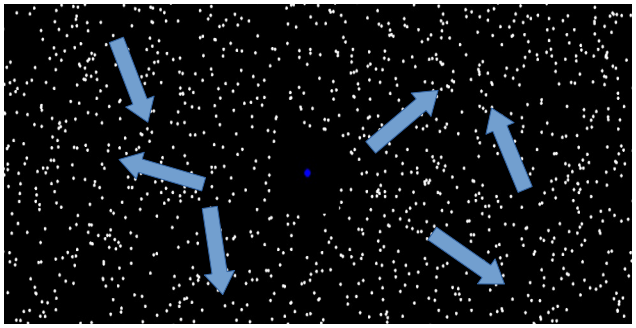
1. A fixation cross appears at the start of each stimulus. Try to fixate on this cross.



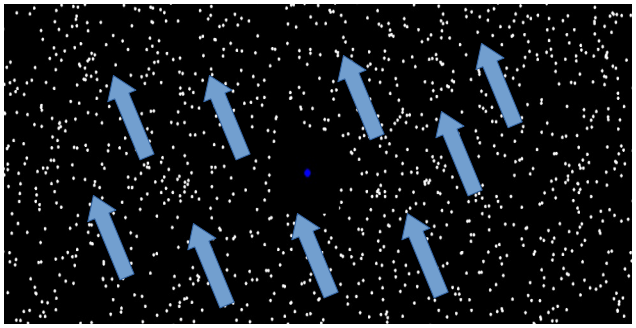
2. Then, several dots will appear on the screen. These dots could be stationary, moving randomly or moving in a certain direction, as shown below. The arrows below signify the direction of motion of the dots.



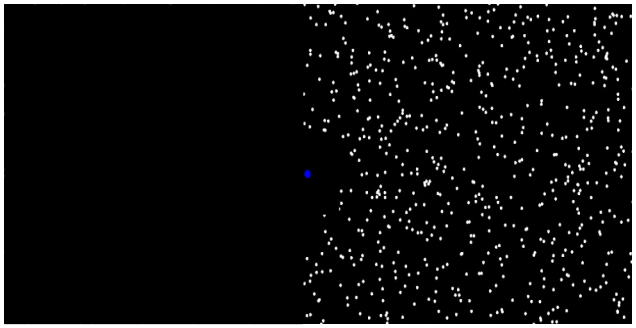
or

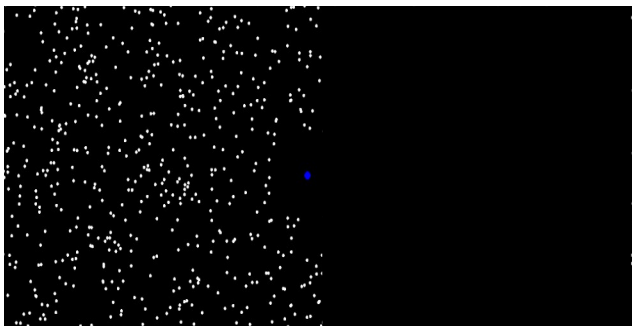


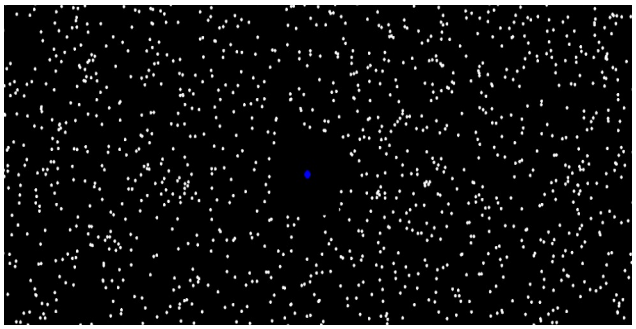
or



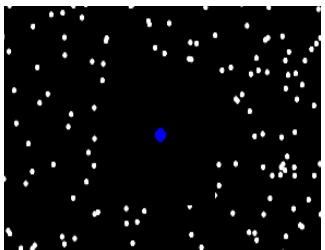
3. Also, these dots could be displayed on the left, right or the full screen, as shown below:

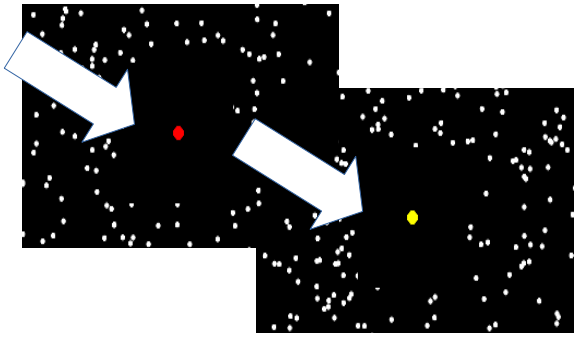


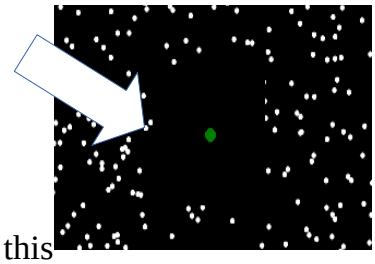




4. There would be a fixation dot in the center of screen that would be changing colors. **Keep your eyes fixated at this dot throughout the run.**







5. Your task would be to quickly press a key when this **dot turns blue**.

   Press the index-finger key during scan and ‘y’ during practice session.

Each run of this task is about 8 minutes long and you will perform it four times.