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Thank you for participating in this experiment. This experiment will last around 70 minutes. After reading the instruction and listening carefully to the experimenter, please be sure you understand the task.

You must fixate on the black dot at the center of the screen. It is important to fixate at the center all the time.

You will be asked to remember orientation of the grating. In each trial of the task, a Gabor grating will appear then the items will disappear. After that the fixation point will change its color. Once the grating disappeared, the color of the fixation point will be changed. If its color is **green**, remember the orientation rotated **45 degrees clockwise** from the original grating orientation. If its color is **red**, remember the orientation rotated **45 degrees counter-clockwise** from the original grating orientation. If its color is **white**, remember the **original grating orientation**. After the delay, a bar will appear. Please rotate the bar to match the **remembered orientation**. Pressing 'X' will make the bar rotate clockwise. Pressing 'Z' will make the bar rotate counter-clockwise. The bar will disappear after 3 s. The final position will be your answer.



