Visual Transposition Experiment as One of the Units of Elementary Psychological Experiments: Its Introduction to a Medical Welfare Department of Psychology.

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In the present research, we propose an effective working plan of visual transposition experiment as one of the units of Elementary Psychological Experiments. It is not difficult to set the dependent variable of the experiment — time necessary to perform imposed tasks — , but difficult to set the independent variables of it. As effective independent variables, we recommend (a) to compare the time necessary to sit down in a chair between eyes-closed and up-down reversed vision conditions and (b) to compare the time necessary to wear a pair of slippers between up-down and left-right reversed vision conditions.

We conducted the above experiments for two classes of first-year psychology department students (n=26 and 22), with giving different instructions; for one class we instructed to perform the tasks quickly and for the other class we instructed to perform the tasks with appreciating the precious experience. They showed an interesting tendency that the participants instructed to perform quickly took much time than the participants instructed to appreciate the tasks, especially in the left-right reversed vision condition. Concerning the visual conditions, the eyes-closed condition was easiest and the left-right reversed vision condition was most difficult, which supports our earlier data.

Keywords: visually reversing goggles, elementary psychological experiments, visually handicapped, simulation experience