

THE CHARACTERISTICS OF VISUAL SEARCH FOR THE ELDERLY PERSONS IN THE MOTORWAY REST AREAS THAT THE FORM IS DIFFERENT

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Purpose: The purpose of this study is to examine the characteristics of visual search for elderly persons in the motorway rest areas "MRA" that the form is different, and to improve the MRA to more legible environment for the elderly persons. **Method:** The subjects are seven healthy elderly persons, and their average age is sixty-eight years old. In the investigation, the four routes that the general users used most often in the MRA were set. The first route is from own car to the toilet facilities, The second route is from the toilet facilities to the ticket vendors in the restaurant, The third route is from the ticket vendors in the restaurant to the shopping area, and The fourth route is from the shopping area to own car. And, we recorded the eye-fixation behaviors with elderly persons through wayfinding to the target in walking along these routes. The results are summarized as follows. **Results:** 1) For the MRA that has the parking lot where the cars are sideways arranged or a long distance from own car to the toilet facilities, It is effective to the legibility for elderly persons to clarify the color and the shape of signatures, and to present information at a low position. 2) For the MRA that a lot of commodities or ticket vendors are arranged complexly in facilities, it is effective to present information that shows the relation to various passages appropriately.