

ABSTRACT

Old age comes with declining health, limitations in daily activities, and feelings of loneliness and depression. Presumptions of “aging in place”; the understanding that they can live in homes not primarily built as architectural designs for the elderly sometimes worsen their physical and psychological health conditions. The relationship between elderly needs and their living space is closely related to conducting a behavioral architecture. This study aims to redesign elderly homes existing through a behavioral architecture approach, analysis of overt-covert behavior, and elderly-friendly design visualization. Aging is another word of living, which is presented in this design to realize an elderly-friendly home where the elderly have physical and psychological health and good quality of life.

Keywords: Behavioral Architecture, Elderly-friendly Design, physical and psychological health