INTERACTIVE DIGITAL TV AS THE E-LEARNING PLATFORM: TOWARDS SUPPORTIVE ENVIRONMENTS FOR ELDERLY

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Abstract: Development of interactive digital television (iDTV) brings an opportunity to consider it as a certain type of e-learning platform especially appropriate for the elderly. The aging population suffers from many impairments that may worsen the rate of social exclusion. This unfavourable trend can be changed by the usage of interactive audio-visual applications enabling senior citizens to satisfy their specific needs and solve their particular problems. Moreover, it implies the opportunity to involve it in creation or improvement of supportive spaces with the aim to enhance the quality of life of elderly from the perspectives of the Ambient Intelligence vision. This paper presents an example of two iDTV applications focused on learning and cognitive training of elderly and it also outlines suggestions for further research in this field of study.

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