Intention reading towards engineering applications for the elderly and people with disabilities

Abstract

This paper relates the theoretical aspect of intention reading from the engineering perspective including the definitions and concepts. Intention reading offers a platform for a friendly human interface between human and machines. A classification to categorize intention reading has been proposed. In the classification, intention reading is divided into 5 categories. Successful applications towards the elderly and people with disabilities are reviewed. Some issues related to intention reading are also presented.