BASIC RECEPTIONS AND METHODS OF TYPHLOCOMMENTS

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In the article the problem of video access of people with total or partial loss of vision are analyzed. Due to the growing number of applied research a development of the newest technologies for situation improvement of the people with physical disabilities is taking place. Therefore, development of methods and means of access to video content for blind people is a promising area of research. Typhlocomment considered as a method for blind adaptation of video content. When researching the problem of access of weak-sight people to the video content, it is required to understand that more than a most part of the information is provided to the viewer in the form of an image. Yes, blind people hear all words of actors, sounds of the environment, processes at the screen, but it is difficult for them to identify the person to whom the specific words belong, what happens with heroes at the very specific moment, what is depicted in the given scene, it is difficult for them to understand reaction of actors, which the latter often express with the help of movements or mimics. Typhlocomments to video content for blind people are one of the real steps towards solution of the problem of limitation of access to such content. This is not only way of adapting the visually impaired, as this method provides equality of opportunities in access to heritage society, popular culture, art and science.

The model problem of manufacturing quality video content to people with visual impairments, systematized appropriate rules and methods to create typhlocomments to be followed by screenwriters, typhlocommentators in preparation for the creation of video content for the blind people. There are specific requirements in the preparation typhlocomments sports telecasts and competition, foreign movies and concerts. The mathematical model of this problem, developed an approach to solving it. The mathematic model of such a task is given and an approach of solving it has been worked out.

Keywords – typhlocomment, typhlocommentator, films for sightless, informational technologies, description of the subject, video content