

Jesuliana Nascimento Ulysses

"Uma Proposta de Sistema para Ensino da Linguagem Oral a Deficientes Auditivos"

The language is the ability to communicate with linguistic material or formalized symbols, signs, sounds, or gestures. Through the language the man translates and transmits his thought and inserted himself in a society. When a person loses the capacity to communicate in one way, he must find alternatives that propitiate the development of others kind of language. In the people deprived of the sense of hearing, the alternatives should be the substitution of the audition for other channels as the vision, the touch and movement, besides the use of the existent vestiges of audition. Those people can develop an oral language or a sign language, depending on their capability and stimulus received. The oral language uses body and facial language of the interlocutor. This is denominated orofacial or labial, for understanding it identifies the corporal expression, the eyes expression, the facial muscles contractions and the lips movements. Due this characteristic of the oral language, facial animation can be used in deaf learning aid systems. The use of the facial animation for special people education systems improves the perception of the speech and its understanding. The use of facial animation in such system is reinforced by the visual and audio characteristics of the speech. Through the construction of the visual image of the speech, that is named visemes in facial animation, deaf people can identify and learn the formats of the lips on pronouncing a certain phoneme, aiding in the learning of the language. The development of those systems needs the integration os professionals of several areas. The main proposal of this work is to begin an area of research to development of a systems to assist the learning of the speech for people deprived of the sense of hearing.