

要旨

手話表情における漫画的表現の利用

現在，社会では多くの場面で情報化が進んでいる．そのため今後は誰にでも扱いやすい情報機器が必要である．本研究では聴覚障害者のコミュニケーション手段である「手話」に注目し，理解しやすい手話アニメーション生成システムを検討する．

本研究では特に，「顔の表情」に焦点をあて，理解しやすいアニメーションを生成するために漫画的表現を使用する．手話における「顔の表情」は手話を正確に理解する上で重要な要素である．その表情を理解しやすくするため，大きさではっきりとした漫画的表現を使用し，システムを構築するための課題とその解決方法を提案する．またそれに伴う表情の研究も行い，聴覚障害者と健常者との新しいコミュニケーション方法を検討する．

キーワード 手話，表情，漫画的表現

Abstract

Use of the comics-expression in sign language expression

Now, in society, computerization is progressing in many scenes. Therefore, the information machines and equipment that are easy to treat to anyone are required from now on. This research examines the sign language animation generation system that is easy to understand paying attention to the "sign language" which is a auditory handicapped people's communication means. Especially in this research, it focus on "expression of a face", and in order to generate the animation that is easy to understand, comics-expression is used. "The expression of a face" in sign language is an element important when you understand sign language correctly. In order to make the expression easy to understand, it is exaggerated, comics-expression carried out clearly is used, and the subject and its solution method for building a system are proposed. In order to make the expression easy to understand, it is exaggerated, comics-expression carried out clearly is used, and the subject and its solution method for building a system are proposed. Moreover, research of the expression accompanying it is also done and the new communication method of an auditory handicapped people and a healthy people is examined.

Keywords Sign language, expression, comics-expression