

## **ABSTRACT**

This bachelor work deals with problems of constraints in sign languages, especially the constraints of visual perception. Part of the work is an overview of general knowledge about constraints in sign languages. There are also presented results of frequency analysis of selected sign parameters in some foreign sign languages. Included is also knowledge gained from studies aimed at identifying locations of visual interest while watching sign language.

Within own practical research, there are analyzed signs of three areas of Czech sign language: colours, calendar and time units and family, in terms of sign typology, handshape and location of articulation. There is also an experiment focused on detection visual locations of interest, while watching Czech sign language with occurrence of Czech finger alphabet.

**Keywords:** Czech Sign Language, visual perception, constraints, location of articulation, handshape, type of sign