ABSTRACT

Bachelor's thesis: 90p., 15pic., 6 Table, 2 applications, 7 sources.

Subject of the thesis: "Research Methodius visual identification of control gestures."
Object is a visual gesture control space.

The subject of research is scientific methods, software algorithms recognition

Visual keryuchyh gestures and modules through which these algorithms are implemented.

Objective: to discover or improve a method that would untie the best visual identification task keryuchyh sign of zii with a закрытууmy criteria yakoschi work in conditions of limited processing power

This paper examines the main methods used to detect visual keryuchyh gestures. It was a review of each method. It was created PC application that implements methods rozniznavannya keryuchyh visual gestures.

The system is implemented in Java, using graphics library javaFX, library with open source openCV, and its wrapper for java - javaCV, development environment IntelliJ IDEA. The ways possible to further improve the system.

VISUAL CONTROL GESTURE RECOGNITION