

ABSTRACT

MULTIMODAL TRAJECTORY INFORMATION PROCESSING AND ANALYSIS SYSTEM BASED ON MAN-MACHINE INTERACTION TERMINAL

Provided is a multimodal trajectory information processing and analysis system based on a man-machine interaction terminal. The system includes a collection device and an information processing device. The collection device is configured to collect, analyze and process finger operation trajectory information and send it to the information processing device, and the information processing device is configured to receive a display interface of a device under test in real time, and is configured to fuse and display the collected finger operation trajectory information corresponding to the display interface of the device under test, and obtain an evaluation system of man-machine interaction experience by analyzing a finger operation trajectory. The system achieves the simultaneous collection of the movement trajectory data and interaction data of the target object, which is convenient for accurately analyzing the rules and habits of the interactions between the users and the information systems.

Figure 1