

Title : The key technology and application of intelligent robot based on Audio-Visual perception

Abstract: Robot is considered to be important growth point of the third industrial revolution, and its development level reflects the comprehensive strength of the national high-tech field. Industrial robots are widely applied in the field of intelligent manufacturing, and the demand for service robots is also showing a trend of rapid development.

This report starts with the technology of Audio-Visual perception, and introduces the research achievements in Visual and Auditory aspects, as well as the demonstration application in industrial robots and service robots.