Abstract

Computer vision is the process of acquisition, processing and analysis of real world scenes in order to take different decisions based on applications. Computer vision systems are electronic replacement of human visual ability. Applications of computer vision systems are wide. This paper reviews the progress of computer vision in various fields of automatic inspection systems. Since conventional defect detection systems are prone to many disadvantages, computer vision with its efficiency and cost effectiveness is emerging as the latest revolution of technology. At the end of this paper, some advantages and disadvantages of computer vision and a suitable area and method for further research are also discussed.

References

Role of Computer Vision in Automatic Inspection Systems

Inspection System Using Computer Vision", IEEE Transactions on intelligent transportation systems, 2011


Index Terms

Computer Science  Image Processing

Keywords

Computer vision, Automatic inspection systems, Biscuit inspection.