

A Typical Applications for Machine Vision

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This paper mainly introduces the characteristics, advantages and classification of machine vision, and the application of machine vision technology in printing industry, agriculture, industry, medicine and so on. In the process of automation, the machine vision system is widely used in the field of state monitoring, product testing and quality control. Its features are to increase production flexibility, also can improve product quality. If it is not suitable for manual operation in a dangerous environment, machine vision can be used instead of artificial vision. The application of machine vision technology includes artificial intelligence, computer science, image processing and so on.

Through the study of machine vision, I have a deep understanding of the wide application of machine vision. And in modern life, we will inevitably encounter some difficult problems, the high-speed operation and accuracy of the computer will bring us great convenience. But we also need to combine our own rational use of intelligence to achieve the greatest development.¹

References

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¹from" A Typical Applications for Machine Vision"