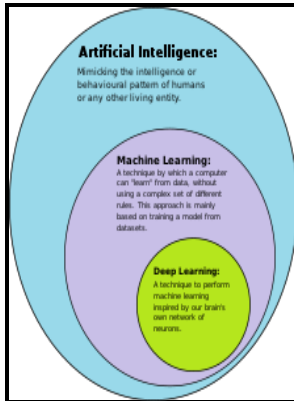


# Intelligent visual inspection - using artificial neural networks

Chapman & Hall - Automate image



Description: -

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Artificial vision.

Neural networks (Computer science) Intelligent visual inspection - using artificial neural networks

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Intelligent engineering systems series -- 1. Intelligent visual inspection - using artificial neural networks

Notes: Includes bibliographical references (p. [291]-300) and index.

This edition was published in 1997



Filesize: 16.59 MB

Tags: #Everything #you #need #to #know #about #Visual #Inspection #with #AI

## Automating image

Machine vision systems alone fail to assess the vast possibility of variation and deviation between very visually similar images.

## Automate image

Deep learning teaches machines to do what comes naturally to humans: to learn by example.

## Automating image

Minimal physical equipment is needed to automate the visual inspection process. Image and Vision Computing, 28 6 , 890—901. Artificial neural networks for pattern recognition.

## Automate image

Imaging Science Journal, 51 2 , 79—88. By using anomaly detection and pre-trained models the system can detect defects based on just a few sample images of good parts. It also serves as a valuable reference book for researchers and graduate students interested in the areas of artificial vision, neural networks, automated visual inspection and quality control.

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## Related Books

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