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The IBM 1275 Recognition System and Its Development

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Zeichenerkennung durch biologische und technische Systeme / Pattern Recognition in…

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Abstract

Magnetic Ink Character Recognition (MICR) was developed about 10 years ago for the automation of cheque and transfer processing in banks and Postgiro's. In the U.S.A. the E-13B type fount was developed and in Europe CMC-7; their general characteristic is eight characters per inch printing pitch, special printing equipment and a fairly high degree of print quality control. In continental Europe, MICR has not been applied extensively and there is a strong trend noticeable towards Optical Character Recognition (OCR). The primary reason for this is a ten character per inch printing pitch which allows for the use of regular printers, e.g. high-speed printers. It is felt that OCR can provide a better balance between document preparation and reading costs. The subject recognition system was

developed specifically with this reasoning in mind. Details of this development are given below.

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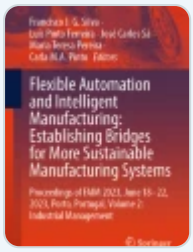

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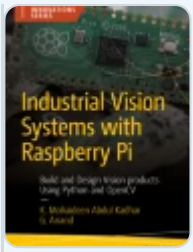

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