



Zeichenerkennung durch biologische und technische Systeme / Pattern Recognition in Biological and Technical Systems pp 253–261

[Home](#) > [Zeichenerkennung durch biologische und technische Systeme / Pattern Recognition in Biological and Technical Systems](#) > Conference paper

The IBM 1275 Recognition System and Its Development

[H. Van Steenis](#)

Conference paper

56 Accesses | **1** Citations | **3** Altmetric

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 font 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.

This is a preview of subscription content, [log in via an institution](#).

▼ Chapter

EUR 29.95

Price includes VAT (Poland)

- Available as PDF
- Read on any device
- Instant download
- Own it forever

Buy Chapter

▼ eBook

EUR 42.99

Price includes VAT (Poland)

- Available as PDF
- Read on any device
- Instant download
- Own it forever

Buy eBook

▼ Softcover Book

EUR 54.99

Price includes VAT (Poland)

- Compact, lightweight edition
- Dispatched in 3 to 5 business days
- Free shipping worldwide - [see info](#)

Buy Softcover Book

Tax calculation will be finalised at checkout

Purchases are for personal use only

Preview

Unable to display preview. [Download preview PDF.](#)

References

1. IBM 1275 Optical Reader/Sorter. IBM Systems Reference Library form A19-0034.
 2. Leimer, J. J.: Design factors in the development of an optical character recognition machine, IRE Transaction on Information Theory, **IT-8**, 167-171 (1962).
 3. IBM J Research and Development, **12**, 346-371 (1968).
-

Author information

Authors and Affiliations

Uithoorn, Netherlands

H. Van Steenis

Editor information

Editors and Affiliations

**Physiologisches Institut, Freie Universität
Berlin, Germany**

Otto-Joachim Grüsser & Rainer Klinke &

Rights and permissions

[Reprints and permissions](#)

About this paper

Cite this paper

Van Steenis, H. (1971). The IBM 1275 Recognition System and Its Development. In: Grüsser, OJ., Klinke, R. (eds) Zeichenerkennung durch biologische und technische Systeme / Pattern Recognition in Biological and Technical Systems. Springer, Berlin, Heidelberg.
https://doi.org/10.1007/978-3-642-65175-5_24

[.RIS↓](#) [.ENW↓](#) [.BIB↓](#)

DOI	Publisher Name	Print ISBN
https://doi.org/10.1007/978-3-642-65175-5_24	Springer, Berlin, Heidelberg	978-3-642-65176-2

Online ISBN	eBook Packages
978-3-642-65175-5	Springer Book Archive

Publish with us

[Policies and ethics](#)

Search

Search by keyword or author



Navigation

Find a journal

Publish with us

Track your research

