



## Symbol Spotting in Digital Libraries: Focused Retrieval Over Graphic-Rich Document Collections (Paperback)

By Marçal Rusiñol, Josep Lladós

Springer London Ltd, United Kingdom, 2014. Paperback. Book Condition: New. 2010 ed.. 235 x 155 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Pattern recognition basically deals with the recognition of patterns, shapes, objects, things in images. Document image analysis was one of the very first applications of pattern recognition and even of computing. But until the 1980s, research in this field was mainly dealing with text-based documents, including OCR (Optical Character Recognition) and page layout analysis. Only a few people were looking at more specific documents such as music sheet, bank cheques or forms. The community of graphics recognition became visible in the late 1980s. Their specific interest was to recognize high-level objects represented by line drawings and graphics. The specific pattern recognition problems they had to deal with was raster-to-graphics conversion (i.e., recognizing graphical primitives in a cluttered pixel image), text-graphics separation, and symbol recognition. The specific problem of symbol recognition in graphical documents has received a lot of attention. The symbols to be recognized can be musical notation, electrical symbols, architectural objects, pictograms in maps, etc. At first glance, the symbol recognition problems seems to be very similar to that of character recognition; -...



**READ ONLINE**  
[ 9.41 MB ]

### Reviews

*Extremely helpful to any or all category of individuals. It really is rally fascinating through studying time period. I am just quickly could possibly get a pleasure of reading a composed ebook.*

-- **Lawrence Keeling**

*This publication may be worthy of a read through, and a lot better than other. It is among the most incredible book we have read through. Your daily life period will be change when you total reading this article publication.*

-- **Garett Baumbach**