Assignment 1
Structural Pattern Recognition

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1 Main steps

- define a set of structural elements
- define a method to describe the relationship between these elements
- apply your schema to the proposed patterns
- analyze the obtained descriptions
- refine your approach in order to eliminate ambiguities

2 Examples

Fig. 1. Caricatural animals
Fig. 4. Machine-print fonts 3/3
A Tutorial on Hidden Markov Models and Selected Applications in Speech Recognition

Fig. 5. Document layout: scientific paper 1/2

Fig. 6. Document layout: scientific paper 2/2
Fig. 7. Document layout: mail envelope 1/2

Fig. 8. Document layout: mail envelope 2/2
Fig. 9. Document layout: letter 1/2

Fig. 10. Document layout: letter 2/2