

these cases we are dealing with the effect of a more loud title without using natural language in a search process. It seems more promising to use approaches that stress a knowledge base. But even in this case we do not expect any substantial results in the near future. Hence, today AI has a minor role in developing IR systems.

The main new ideas used in information retrieval come from information science itself. These also include the ideas presented in this chapter. We believe that the composite view of IN will not only allow researchers to improve the quality of the satisfaction of IN, but it also will play an important role in organizing user-friendly interface in the future. In any case, the method described here for using a goal component of POIN shows one of the realistic directions for developing automated IR systems.

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## Bibliographic Remarks

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For a deeper understanding of semantic networks and neural networks we recommend the following publications.

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