

ADVANCED INFORMATION AND KNOWLEDGE PROCESSING

Information systems and intelligent knowledge processing are playing an increasing role in business, science and technology. Recently, advanced information systems have evolved to facilitate the co-evolution of human and information networks within communities. These advanced information systems use various paradigms including artificial intelligence, knowledge management, and neural science as well as conventional information processing paradigms.

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Mentzas · Apostolou · Abecker · Young Knowledge Asset Management

There are two main approaches to knowledge management (KM):

- the **process**-centric approach which treats KM as an interpersonal communication process, and
- the **product**-centric approach which focuses on artefacts for knowledge capture, storage, exchange and reuse in corporate intranets.

Knowledge Asset Management presents a **knowledge asset-centric** approach, which fuses the previous two approaches together. It provides a conceptual framework to guide managers in the planning and development of the KM initiative and presents a methodology and an intranet-based environment that support organisations to:

- define and document their knowledge management strategy
- audit and design business processes that enhance and facilitate corporate learning
- facilitate knowledge sharing and on-line collaboration between people in the organisation
- measure and evaluate the quality and value of the organisation's intellectual capital.

Written by four highly experienced KM researchers and consultants in the field, the book also includes case studies showing how the principles, methods and tools work in practice.

ISBN 1-85233-583-1



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ISBN 1-85233-583-1
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Beyond the Process-centred
and Product-centred Approaches



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