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A semantic-grained perspective of Latent Knowledge Modeling

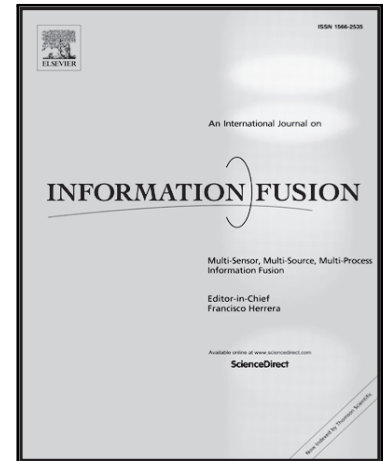
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Highlights

- The paper introduces a semantically enhanced document retrieval system.
- Each retrieved document is semantically represented as a multi-grained concept net.
- The used latent models are Latent Semantic Analysis and Latent Dirichlet Allocation
- LSA and LDA feed the local knowledge modelled as ontology.
- The result is a SKOS ontology describing the whole knowledge graphically navigable.

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