

# Semantic Web

— to Artificial Intelligence

Yue Ma

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# Further topics and readings

- ▶ RDF, RDFs (syntax, semantics, and reasoning)

Why Formal Semantics ?

→ after introduction of RDF(?) , criticism of tool developers  
different tools were incompatible (despite the existing specification)

→ need a formal semantics to define what is valid or not

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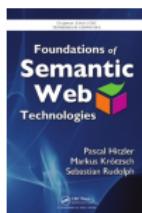
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See slides from <https://www.lri.fr/~ma/M2DK/readings/>  
There can be related (simple) questions in the exam !

- ▶ Sparql (Query language over RDF data)

You may need the knowledge for other courses.

Reference books :



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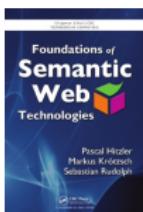
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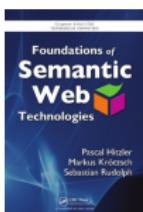
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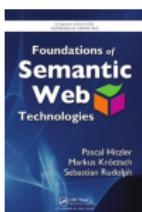
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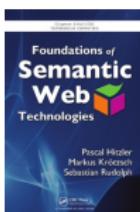
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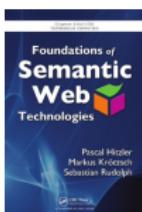
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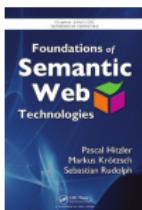
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