

Maria Pinto

**1. Epistemological**

Archival Science, Classification Theory, Information Science Theory (Foundations, History, Epistemology, Education, Philosophy), Librarianship.

**2. Systemic**

Information Systems, Information Management, Knowledge Management, Information Policies, Systems Analysis.

**3. Cognitive**

Domain Analysis, Abstracting, Indexing, Classifications (Ontology, Taxonomies, Thesauri), Databases, Metadata.

**4. Psychological**

Economics of Information, Evaluation of Information Systems, Human information Behaviour, Information Quality.

**5. Communicative**

Communication, Copyright, Information Dissemination, Information retrieval, Message Theory.

**6. Technological**

Artificial Intelligence, Digital Security, Digital Libraries, Information Industry, Internet, Publishing, Web.

*"Reflections. It is almost impossible to elaborate an Information Science tree with clearly defined branches, because Information Science, as many others fields, does not have a tree structure, but rather a network structure. Therefore, dependencies and overlapping are an essential constituent of this multi-paradigmatic domain."*  
[24] (Maria Pinto)

Richard Smiraglia

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| <p><b>1. Information (UF 'Information Science')</b></p> <p>1.1 Information use &amp; user</p> <p>1.1.1 Memetics</p> <p>1.1.2 Social informatics</p> <p>1.2 Information need</p> <p>1.2.1 Applied informatics</p> <p>1.3 Information architecture</p> <p>1.3.1 Information structures</p> <p>1.4 Philosophy of information</p> <p>1.4.1 Ontology</p> <p>1.4.2 Epistemology</p> <p>1.5 Information policy</p> <p>1.5.1 Ethics</p> <p>1.6 Information theory</p> | <p><b>2. Knowledge organization</b></p> <p>2.1 Knowledge representation</p> <p>2.2 Metadata</p> <p>2.3 Knowledge structures</p> <p>2.4 Ontology: classification</p> <p>2.5 Taxonomy: epistemology</p> <p><b>3. Information retrieval (i.e. message)</b></p> <p>3.1 Information processing</p> <p>3.2 Document delivery</p> <p><b>4. Information management</b></p> <p>4.1 Competitive intelligence</p> <p>4.3 Information dissemination</p> <p>4.3.1 Economics of information</p> <p>4.3.2 Publishing</p> <p>4.3.3 Librarianship</p> <p>4.4 Information industry</p> <p>4.4.1 Information technology</p> |
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[25] (Richard Smiraglia)