

.04

Information storage and retrieval systems

Systems for storing and retrieving bibliographic resources or their surrogates, including text, audio, image, and/or video content

Including recall, precision, relevance

Class here bibliographic databases, unstructured text databases; search and retrieval in information storage and retrieval systems, information retrieval based on metadata, information retrieval based on natural language text; query languages for information storage and retrieval systems; comprehensive works on information filtering systems

Class interdisciplinary works on information filtering systems in 005.56; class interdisciplinary works on databases, query languages in 005.74. Class aspects of information storage for specific types of retrieval systems with the aspect for the type of system, e.g., mark-up languages for web retrieval systems 006.74, record formats for bibliographic retrieval systems 025.316

For computer science aspects of information storage and retrieval systems as database systems, see 005.74; for information storage and retrieval systems, bibliographies of web sites devoted to specific subjects, see 025.06; for search and retrieval use of information storage and retrieval systems in reference and information services, see 025.524. For a specific kind of information storage and retrieval system, see the kind, e.g., online catalogs 025.3132

See also 005.758 for semistructured document-oriented databases; also 658.4038011 for management use of information storage and retrieval systems

See Manual at 005.7, 005.74 vs. 025.04, 025.06

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Special computer methods

Class here information retrieval based on digital features extracted from non-textual content

Class concept-based retrieval in 025.04 Class works in which computational techniques of media representation and retrieval predominate in 006.5–006.7, e.g., works on computational techniques used in image representation and retrieval 006.6

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Digital audio

Class feature extraction from audio in 006.45

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Computer graphics

Class feature extraction from images in 006.42

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Digital video

Class feature extraction from video in 006.42

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Information storage and retrieval systems devoted to specific subjects

Class here bibliographies of web sites devoted to specific subjects, documentation of specific subjects

See Manual at 005.7, 005.74 vs. 025.04, 025.06

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Specific subjects

Add to base number 025.06 notation 001–999, e.g., MEDLINE 025.0661, music information retrieval 025.0678; then, for information retrieval based on digital features extracted from non-textual content, add notation 02856 from Table 1, e.g., medical information retrieval based on digital features extracted from image content 025.0661028566, music information retrieval based on digital features extracted from audio content 025.0678028565

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Information search and retrieval

Regardless of kind of information source used, e.g., library catalogs, reference books, information storage and retrieval systems

Class here search strategy

Class design of information and retrieval systems, evaluation of information and retrieval systems, comprehensive works on information storage and retrieval systems in 025.04. Class information search and retrieval using a specific information source with the information source, e.g., searching an information storage and retrieval system devoted to medicine 025.0661