

New and Changed Entries September 2009

The following selected new and changed entries are effective on September 1. The changes include new and updated entries for computational linguistics, corpus linguistics, and pragmatics, including illustrative examples of built numbers for computational linguistics applications. Changes to schedule and table numbers are indicated only by underlining. Other changes are underlined, and deletions are marked by strikethroughs. Schedule entries without underlining or strikethroughs are old entries that are included for context. Please consult WebDewey for complete access to all updates to DDC 22, and Abridged WebDewey for complete access to all updates to Abridged Edition 14.

Edition 22

006.3 *Artificial intelligence

Class here comprehensive works on artificial intelligence and cognitive science [*formerly* 153], intelligent agents, multi-agent systems, question-answering systems

Class robotics in 629.892

For cognitive science, see 153

See also 006.4 for pattern recognition not used as a tool of artificial intelligence

See Manual at 006.3 vs. 153

006.35 *Natural language processing

~~Computer processing of natural human language~~

Class here computational linguistics [*formerly* 410.285]

~~Class computational linguistics in 410.285~~

See Manual at 006.35 vs. 410.285

*Use notation 019 from Table 1 as modified at 004.019

025.41 *Abstracting [*formerly* 025.4028]

Class here comprehensive works on abstracting and subject indexing

Class composition of abstracts in 808.062

For subject indexing, see 025.47

*Do not use notation 0218 from Table 1; class in base number

025.410 285 635

Natural language processing

Class here automatic abstracting, automatic text summarization

306.44

Language

Including pragmatics

Class here anthropological linguistics, ethnolinguistics, sociolinguistics

Interdisciplinary works on pragmatics relocated to 401.45

See Manual at 401.43 vs. 306.44, 401.9, 412, 415

401.41

Discourse analysis

Including pragmatics in discourse analysis

Class here content analysis, semiotics

Class ~~pragmatics in psycholinguistics in 401.9; class~~ interdisciplinary works on semiotics in 302.2; class ~~pragmatics in sociolinguistics and~~ interdisciplinary works on pragmatics in 401.45 ~~306.44~~. Class discourse analysis a semiotic study of a specific subject with the subject, plus notation 014 from Table 1, e.g., discourse analysis of political science 320.014, ~~a~~ semiotic study of science 501.4

For semantics, see 401.43

See also 121.68 for semiotics as a topic in philosophy

401.43

Semantics

For history of word meanings, see 412

See also 121.68 for semantics as a topic in philosophy; also 149.94 for general semantics as a philosophical school

See Manual at 401.43 vs. 306.44, 401.9, 412, 415

401.430 285 635

Natural language processing

Class here word sense disambiguation

401.45

Pragmatics

Class here interdisciplinary works on pragmatics [formerly 306.44]

For pragmatics in sociolinguistics, see 306.44; for pragmatics in discourse in
psycholinguistics, see 401.9

- 401.452 Speech acts
 Class here illocutionary acts
- 401.454 Presupposition
 Class here implication, entailment
 Class presupposition, implication, entailment in logic in 160
- 401.456 Reference
 Class here anaphora, deixis; comprehensive works on reference
 Class reference in philosophy of language in 121.68
- 410 Linguistics
- Class here descriptive, synchronic linguistics; comprehensive works on
 Eurasianic languages, on Indo-European languages, on Indo-Germanic languages,
 on Indo-Hittite languages
- Class linguistics of specific languages in 419–490
- For sociolinguistics, see 306.44; for lexicology, see 401.4; for semiotics, see
 401.41; for specific Indo-European languages, see 420–491*
- See Manual at 410*
- (Option A: To give local emphasis and a shorter number to a specific language,
 e.g., Russian, class it here and add to base number 41 as instructed under
 420–490; in that case class linguistics in 400, its subdivisions in 401–409,
 standard subdivisions of language and of linguistics in 400.1–400.9. Option B is
 described under 420–490)
- 410.1 Philosophy and theory
- Do not use for philosophy and theory of language and languages; class in 401
- Class schools, ~~and~~ theories, methodologies of linguistics in 410.18
- See Manual at 401 vs. 121.68, 149.94, 410.1*
- 410.18 Schools, ~~and~~ theories, methodologies of linguistics
- Including functionalism, structural linguistics
- For works on schools, ~~and~~ theories, methodologies of linguistics that
 stress syntax, or syntax and phonology, see 415.018*
- 410.188 Corpus linguistics
 Including language data samples collected as corpora to support
 corpus-based analysis, corpus linguistics applied to texts in a specific
 subject

Class corpus linguistics applied to a specific topic in linguistics with the topic, e.g., corpus-based analysis of noun phrases 415.5; class corpus linguistics applied to a specific work or the works of a specific author with the work or author, e.g., versions of the Bible 220.4, Shakespeare's works 822.33

410.2 Miscellany

Do not use for miscellany of language and languages; class in 402

410.285 Data processing Computer applications

~~Class here computational linguistics~~

Computational linguistics relocated to 006.35

Class computer applications in corpus linguistics in 410.188 ~~natural language processing in 006.35~~. Class a computational linguistics application of a linguistic process with the process, plus notation 0285635 from Table 1, e.g., part-of-speech tagging 415.0285635

See Manual at 006.35 vs. 410.285

Manual

006.35 vs. 410.285

Computational linguistics vs. computer applications in linguistics

Use 006.35 for works on computational linguistics. Use 410.285 for computer applications in linguistics in the broad sense. For example, use 410.28553 for general software tools, e.g., programs that generate concordances. If in doubt, prefer 006.35.

401.43 vs. 306.44, 401.45, 401.9, 412, 415

Meaning

Use 401.43 for works on semantics dealing with meaning in language, covering topics such as synonymy, ambiguity, and semantic truth (metalinguistic truth), ~~and entailment~~. Semantics is particularly concerned with the underlying logical structure of natural language, i.e., what elements are necessary beyond correct grammar for statements to make sense. Use 412 for works on etymology that study the history of the meanings of individual words. Use 415 for works on grammar that are concerned with meaning only in relation to morphology and syntax. If in doubt, prefer 401.43.

Use 401.45 for interdisciplinary works on linguistic pragmatics. Use 306.44 for works on the sociology of language concerned with meaning as affected by sociocultural context. Use 306.44 also for works on linguistic

pragmatics that deal with language in its sociocultural context, but use 401.9 for works on pragmatics that focus on the individual psychological context. If in doubt, prefer 401.45 ~~306.44~~.

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006.3 Artificial intelligence

Including computational linguistics [*formerly* 410.285], data mining [*formerly also* 005.74]; computer vision; knowledge-based systems, e.g., expert systems; machine learning; natural language processing, neural nets (neural networks), perceptrons

Class here comprehensive works on artificial intelligence and cognitive science [*formerly* 153], intelligent agents, multi-agent systems, question-answering systems

Class logic databases, deductive databases in 005.7401; class robotics in 629.8

For cognitive science, see 153

See also 006.4 for pattern recognition not used as a tool of artificial intelligence

See Manual at 006.3 vs. 006.4, 621.36, 621.39; also at 006.3 vs. 153; also at 006.3 vs. 410.285

306.44 Language

Including biculturalism, bilingualism, multiculturalism, multilingualism, pragmatics

Class here anthropological linguistics, ethnolinguistics, sociolinguistics

Interdisciplinary works on pragmatics relocated to 401

Class biculturalism and multiculturalism in which difference in language is not a central element in 305.8

See also 400 for linguistic aspects of bilingualism

400 Language

Including bilingualism

Class here interdisciplinary works on language and literature

Class specific instances of bilingualism in 420-490 with the language dominant in the country in which the linguistic interaction occurs, without

use of notation 01–09 from Table 1, e.g., a discussion of Spanish-English bilingualism in the United States 420

For literature, see 800; for rhetoric, see 808. For the language of a specific ~~discipline or~~ subject, see the ~~discipline or~~ subject, plus notation T1—01 from Table 1, e.g., language of science 501

See also 306.44 for sociology of bilingualism

401 Philosophy and theory

Including interdisciplinary works on pragmatics [formerly 306.44], content analysis; general discussions of international languages, universal languages; language acquisition, psycholinguistics, ~~pragmatics in psycholinguistics~~; semantics, semiotics; lexicology, interdisciplinary works on terminology

Class sociolinguistics, ~~pragmatics in sociolinguistics~~, sociology of language in 306.44; class psychology of bilingualism in 400; class artificial languages in 499; class interdisciplinary works on semiotics in 302.2. Class a specific international language with the language in 419–490, e.g., Latin as a diplomatic language 470; class a semiotic study of a specific subject ~~or discipline~~ with the subject ~~or discipline~~, plus notation T1—01 from Table 1, e.g., a semiotic study of science 501

For pragmatics in sociolinguistics, see 306.44; for dictionaries of linguistics, see 410.3; for history of word meanings, see 412; for general polyglot dictionaries, see 413; for lexicography, see 413.028; for applied linguistics treatment of terminology, see 418. For terminology (including pronunciation and spelling) of a specific subject ~~or discipline~~, see the subject ~~or discipline~~, plus notation 01 from Table 1, e.g., terminology of accounting 657.01

See also 121 for semantics and semiotics as topics in philosophy; also 149 for general semantics as a philosophical school

See Manual at 407.1, T1—071 vs. 401, T4—01, 410.71, 418.0071, T4—80071

410 Linguistics

Class here descriptive, synchronic linguistics; comprehensive works on Eurasiatic languages, on Indo-European languages, on Indo-Germanic languages, on Indo-Hittite languages

Class linguistics of specific languages in 419–490

For sociolinguistics, see 306.44; for lexicology, semiotics, see 401; for specific Indo-European languages, see 420–491

See Manual at 410

410.1 Philosophy and theory

Do not use for psycholinguistics, for philosophy and theory of language and languages; class in 401

Including corpus linguistics; schools, ~~and~~ theories, methodologies of linguistics

Class corpus linguistics applied to a specific topic in linguistics with the topic, e.g., corpus-based analysis of noun phrases 415; class corpus linguistics applied to a specific work or the works of a specific author with the work or author, e.g., versions of the Bible 220.4, Shakespeare's works 822.3

For works on schools, ~~and~~ theories, methodologies of linguistics that stress syntax, or syntax and phonology, see 415

410.2 Miscellany

Do not use for miscellany of language and languages; class in 402

410.285 Data processing Computer applications

~~Class here computational linguistics~~

Computational linguistics relocated to 006.3

Class computer applications in corpus linguistics in 410.1.
Class a computational linguistics application of a linguistic process with the process, plus notation 0285 from Table 1, e.g., part-of-speech tagging 415.0285

See Manual at 006.3 vs. 410.285

Manual

006.3 vs. 410.285

Computational linguistics vs. computer applications in linguistics

Use 006.3 for works on computational linguistics. Use 410.285 for computer applications in linguistics in the broad sense. For example, use 410.285 for general software tools, e.g., programs that generate concordances. If in doubt, prefer 006.3.