EPC Exhibit 137-18.1

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Via: Michael Panzer, Editor in Chief

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Re: Schools, theories, methodologies of linguistics

The genesis of this exhibit was the recognition that the only appearance of cognitive linguistics in the DDC is the mapping of the LCSH Cognitive grammar to 415 Grammar of standard forms of languages. The search :ti=“cognitive linguistics” or :su=“cognitive grammar” retrieves 4335 hits in WorldCat, of which 1720 have been assigned DDC numbers in the 400s. To say that sufficient literary warrant exists to justify a number for cognitive linguistics is clearly an understatement.

The LCSH record for Cognitive grammar gives Cognitive linguistics as a 450, as if Cognitive linguistics dealt primarily with syntax. But for cognitive linguistics the branch of primary concern is semantics, especially lexical semantics. However, the DDC number assigned far more often than any other in the retrieval set above is 415, presumably because of the LCSH itself and/or because of its mapping there. This evidence suggests that the DDC schedules need to give clear indication of how to treat cognitive linguistics to counterbalance the ambiguity of the LCSH Cognitive grammar (is it to be interpreted to mean cognitive linguistics broadly, or is it to be interpreted as the more narrow cognitive-linguistics-perspective-on-grammar?).

Many other DDC numbers have also been assigned. Those with significant use (those that were assigned over 30 times in the retrieval set above) include 400, 401, 401.41, 401.43, 401.9, 410, and 418.0071. The retrieval set also includes over 200 hits from the language-specific 420s–490s. In total, more than 130 unique numbers have been assigned. This evidence indicates that the cognitive linguistics literature is very broad, touching on many aspects of linguistics. Inclusion in the developments for schools, theories, and methodologies of linguistics seems appropriate.

These developments are found in Table 4 (to be “used as required by add notes under subdivisions of specific languages or language families, or with the base numbers for individual languages identified by \* under 420–490”) and in the development for 410 Linguistics. In both contexts, there is a general number (T4—018, 410.18) and a grammar-specific development (under T4—5018, 415.018):

T4—018 Schools, theories, methodologies

Including functionalism, structural linguistics

*For works on schools, theories, methodologies that stress syntax, or syntax and phonology, see —5018*

T4—501 8 Schools, theories, methodologies

Including case, categorial, relational grammar

T4—501 82 Generative grammar

T4—501 84 Dependency grammar

410.18 Schools, theories, methodologies

Including functionalism, structural linguistics

*For works on schools, theories, methodologies that stress syntax, or syntax and phonology, see 415.018*

415.018 Schools, theories, methodologies

Including case, categorial, relational grammar

415.018 2 Generative grammar

415.018 4 Dependency grammar

In the including notes for the general numbers (T4—018, 410.18) we see a not-quite-complete version of a high-level breakdown between structural linguistic theories, formal linguistic theories, and functional linguistic theories. (See the Appendix for a brief introduction to these types of theories. Structural linguistics is now considered passé; the division drawn most often at the present time is between formal linguistic theories and functional linguistic theories. But literary warrant for structural linguistics continues.) This division is absent from the grammar-specific developments (T4—5108, 415.018), but could meaningfully be repeated there. Rather than shoehorn cognitive linguistics into a less-than-perfect development, we take advantage of the opportunity to reshape the development in a way that promotes consistency and provides wider coverage of linguistic schools and theories—hence the now broader scope of the exhibit.

The table that follows gives literary warrant counts for a large number of (near-)contemporary theories of linguistics, searching by subject if a corresponding LCSH exists, by title otherwise.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School/theory** | **LCSH** | **RI/LCSH at this #** | **WC total** | **WC 2005–** |
| **Structural linguistics** | Structural linguistics | 410.18 | 2062 | 286 |
|  |  |  |  |  |
| **Formal linguistics** |  |  |  |  |
| Generative linguistics |  |  |  |  |
| Generative grammar | Generative grammar | 415.0182 | 6054 | 889 |
| Transformational grammar | Generative grammar | 415.0182 |  |  |
| Generative phonology |  |  | 712 | 13 |
| Generative semantics |  |  | 128 | 4 |
| Government and binding theory | Government-binding theory (Linguistics) | 415 (PPT) | 658 | 64 |
| Minimalist program | Minimalist theory (Linguistics) | 415 (PPT) | 817 | 396 |
| Constituency grammar /  Constituent structure grammar | Phrase structure grammar |  |  |  |
| Phrase structure grammar | Phrase structure grammar | 415 (PPT) | 714 | 147 |
| Generalized phrase structure grammar | Generalized phrase structure grammar |  | 94 | 14 |
| Head-driven phrase structure grammar | Head-driven phrase structure grammar |  | 312 | 74 |
| Lexical functional grammar | Lexical-functional grammar |  | 304 | 79 |
| Categorial grammar / Categorical grammar | Categorial grammar | 415.018 | 341 | 56 |
| Case grammar | Case grammar | 415.018 | 590 | 61 |
| Relational grammar | Relational grammar | 415.018 | 281 | 29 |
| Tree-adjoining grammar |  |  | 264 | 34 |
|  |  |  |  |  |
| **Functional linguistics** | Functionalism (Linguistics) | 410.18 | 2075 | 616 |
| Functional discourse grammar | Functional discourse grammar |  | 113 | 73 |
| Systemic functional grammar | Systemic grammar | 415 (PPT) | 571 | 179 |
| Role and reference grammar | Role and reference grammar |  | 104 | 54 |
| Cognitive linguistics; Cognitive grammar | Cognitive grammar | 415 (EM) | 2717 | 1565 |
| Cognitive phonology |  |  | 25 | 14 |
| Cognitive semantics |  |  | 314 | 70 |
| Frame semantics |  |  | 62 | 44 |
| Construction grammar | Construction grammar | 415.018 (EM) | 274 | 208 |
|  |  |  |  |  |
| **Dependency grammar** | Dependency grammar | 415.0184 | 696 | 188 |
| Word grammar |  |  | 9 | 2 |
| Meaning-text theory | Meaning-text theory (Linguistics) |  | 45 | 26 |

At T4—018 and 410.18, provision should be made for linguistic theories that concern a broad range of linguistic phenomena—specifically including phenomena beyond grammar. The existence of generative semantics and cognitive semantics, for example, requires that provision be given for generative linguistics and cognitive linguistics. Indeed, the existence of theories of generative phonology and cognitive phonology, on the one hand, and generative semantics and cognitive semantics, on the other hand, means we also need numbers for schools, theories, methodologies that stress phonology and schools, theories, methodologies that stress semantics. (However, only cognitive semantics has sufficient literary warrant for its own number.)

In addition to the structural/formal/functional breakdown that governs the broader landscape of linguistic theory, a distinction is often drawn in the narrower context of grammars between constituency grammars and dependency grammars. But this distinction does not govern the whole of grammatical theory; cognitive grammar and construction grammar, for example, fall outside the constituency grammar / dependency grammar distinction. And although all constituency grammars are formal grammars, dependency grammars cannot be said to be structural or formal or functional. Moreover, grammar is not the only branch of linguistics to which dependency theory has been applied. Consequently, we give a number for dependency linguistics on the same level as those for structural linguistics, formal linguistics, and functional linguistics. We order these so generative grammar and dependency grammar can retain the same notation they have now.

Starting on the next page, we show the proposed developments for Table 4; the developments under 401.43018, 410.18, 414.018, and 415.018 would be fully parallel.

T4—014 3 Semantics

T4—014 301 8 Schools, theories, methodologies

T4—014 301 82 Formal linguistics

Including generative semantics

T4—014 301 83 Functional linguistics

T4—010 301 835 Cognitive semantics

Class here frame semantics

. . .

T4—018 Schools, theories, methodologies

*For works on schools, theories, methodologies that stress semantics, see —0143018; for works on schools, theories, methodologies that stress phonology, see —15018; for works on schools, theories, methodologies that stress syntax, or syntax and phonology, see —5018*

T4—018 1 Structural linguistics

T4—018 2 Formal linguistics

T4—018 22 Generative linguistics

T4—018 3 Functional linguistics

T4—018 33 Systemic functional linguistics

T4—018 35 Cognitive linguistics

T4—018 4 Dependency linguistics

T4—018 42 Meaning-text theory

. . .

T4—15 Phonology, phonetics, spelling

T4—150 18 Schools, theories, methodologies

T4—150 182 Formal linguistics

Including generative phonology

T4—150 183 Functional linguistics

Including cognitive phonology

. . .

T4—5 Grammar of the standard form of the language

T4—501 8 Schools, theories, methodologies

T4—501 81 Structural linguistics

Class theories combining elements of structural linguistics and functional linguistics in –50183

T4—501 82 Formal linguistics

T4—501 822 Generative grammar

Class here transformational grammar, government and binding theory, minimalist program

T4—501 823 Constituency grammars

Class here phrase structure grammars

*For generative grammar, see –501822*

T4—501 823 4 Lexical functional grammar

T4—501 823 5 Categorial grammar

T4—501 824 Case grammar

T4—501 825 Relational grammar

T4—501 826 Tree-adjoining grammar

T4—501 83 Functional linguistics

Class here theories combining elements of structural linguistics and functional linguistics

T4—501 832 Functional discourse grammar

Class here functional grammar as a linguistic theory (e.g., the theory of Simon Dik)

T4—501 833 Systemic functional grammar

T4—501 834 Role and reference grammar

T4—501 835 Cognitive grammar

T4—501 836 Construction grammar

T4—501 84 Dependency grammar

Including word grammar

**Appendix**

