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Brief Communication

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Noruzi, Alireza. **FRBR and Tillett's Taxonomy of Bibliographic Relationships.** *Knowledge Organization.* 39(6), 409-416. 24 references.

ABSTRACT: Bibliographic relationships are one of the most active research areas in knowledge organization, especially in cataloguing. This study attempts to examine and map the *FRBR* (*Functional Requirements for Bibliographic Records*) bibliographic relationships with Tillett's taxonomy of bibliographic relationships, and to assess the congruence between them. The *FRBR* conceptual model provides a taxonomy of bibliographic relationships in chapter 5, illustrating them in 11 tables. This study shows that there is considerable congruence between these two taxonomies.

Keilty, Patrick. **Sexual Boundaries and Subcultural Discipline.** *Knowledge Organization.* 39(6), 417-431. 57 references.

ABSTRACT: The purpose of this essay is to demonstrate that the mechanisms of power around classifications of gender and sexuality are not always top-down or bottom-up. Instead, the weight of social discipline among members of sexual subcultures themselves helps to create these classifications, often reflecting the nomenclature of subjects and desires within sexual subcultures in a complex relationship to a dominant culture. Critically examining two benchmarks in the development of sexual nomenclature within queer subcultures, this paper finds its evidence in George Chauncey's little known analysis (1985) of a navy investigation of male homosexuality at the Newport Naval Training Station during the World War I era and in contemporary folksonomic classifications of representations of queer desire within Xtube, a database of online pornography. Social discipline within these sexual subcultures occurs in the stabilization of nomenclature through socialization and through members' overt intervention into each others' self-understanding. Both the Newport and Xtube evidence also reveals a complex social and cultural structure among members of sexual subcultures by drawing our attention to the particularity of various modes of sexual being and the relationship between those modes and particular configurations of sexual identity. In the process, this paper allows us to reassess, first, a presupposition of folksonomies as free of discipline allowing for their emancipatory potential and, second, the prevailing binary

understandings of authority in the development of sexual nomenclatures and classifications as either top-down or bottom-up.

Baião Salgado Silva, Guilherme, and Lima, Gercina Ângela Borém de Oliveira. **Using Topic Maps in Establishing Compatibility of Semantically Structured Hypertext Contents.** *Knowledge Organization.* 39(6), 432-445. 30 references.

ABSTRACT: Considering the characteristics of hypertext systems and problems such as cognitive overload and the disorientation of users, this project studies subject hypertext documents that have undergone conceptual structuring using facets for content representation and improvement of information retrieval during navigation. The main objective was to assess the possibility of the application of topic map technology for automating the compatibilization process of these structures. For this purpose, two dissertations from the UFMG Information Science Post-Graduation Program were adopted as samples. Both dissertations had been duly analyzed and structured on the MHTX (Hypertextual Map) prototype database. The faceted structures of both dissertations, which had been represented in conceptual maps, were then converted into topic maps. It was then possible to use the merge property of the topic maps to promote the semantic interrelationship between the maps and, consequently, between the hypertextual information resources proper. The merge results were then analyzed in the light of theories dealing with the compatibilization of languages developed within the realm of information technology and librarianship from the 1960s on. The main goals accomplished were: (a) the detailed conceptualization of the merge process of the topic maps, considering the possible compatibilization levels and the applicability of this technology in the integration of faceted structures; and (b) the production of a detailed sequence of steps that may be used in the implementation of topic maps based on faceted structures.

Van den Heuvel, Charles. **Multidimensional Classifications: Past and Future Conceptualizations and Visualizations.** *Knowledge Organization.* 39(6), 446-460. 46 references.

ABSTRACT: This paper maps the concepts “space” and “dimensionality” in classifications, in particular in visualizations hereof, from a historical perspective. After a historical excursion in the domain of classification theory of what in mathematics is known as dimensionality reduction in representations of a single universe of knowledge, its potentiality will be explored for information retrieval and navigation in the multiverse of the World Wide Web.

Satiya, Mohindar Partap. **Brief Communication: Abridged Dewey-15 (2012) in Historical Perspectives.** *Knowledge Organization.* 39(6), 466-468. 5 references.

ABSTRACT: The origin of the abridged edition of the Dewey system goes back to 1894 when an outline of 192 pages based on the full 5th Edition (1894) was issued for

small public and school libraries of North America. New editions have appeared regularly following closely the publication of new full editions. An abridged version, which is always in one volume, comprises an introduction, schedules, four tables (namely 1, 2, 3 and 4) only, and the relative index and other minor features of the full edition, and has shorter numbers. Abridged 15 is a logical abridgement of the DDC23 (2011) and is a product of a new approach to development of an abridged edition of the DDC. Its content has been derived from the DDC database applying a set of rules to extract the edition using the new (2010) version of the editorial support system. The revision process has been informed by interaction with an always widening and diversified Dewey community at home and abroad. It aims to improve the currency of the schedules continuing to serve as shelving tool while recognizing its ‘other’ uses as a spinoff of its simplicity and inexpensiveness.