

索引典結構(The Structure of Thesauri)

藍文欽

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課程簡介

索引典(thesaurus)是建構資料庫索引的必要工具，也是使用者查詢系統的重要輔助。本課程的目的，在闡明索引典的意義與功用，介紹索引典的組成內容與編排方式，探討索引典之詞彙關係與組織架構，並藉由實作瞭解如何建構索引典。

課程目標

- 瞭解索引典的意義與功用
- 瞭解索引典的組成內容與編排方式
- 瞭解索引典內詞彙之各項關係（如：同義、廣義、狹義詞等）及其表現方式
- 認識索引典的各種呈現方式與組織結構
- 對幾種重要的索引典能有基本的認識及應用能力
- 藉由實作養成建構索引典的能力與經驗

課程專屬之 Mailing List：THESAURUS-L@mail.lis.ntu.edu.tw

- THESAURUS-L@mail.lis.ntu.edu.tw 是一個課程群組，可將它視同一個 email 帳號，收件人是修課的全部同學。有任何討論事項，均可藉由此帳號與全班同學分享討論。
- 這是大家共享的園地，可分享心得、討論問題等，請多加利用。

課程參考資源

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Standards / Guidelines

西方單一語文索引典編製標準 (CNS 13224)

American Society for Indexing. Indexing and Thesaurus Standards. Available from <https://www.asindexing.org/about-indexing/indexing-standards/>

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Guidelines for forming language equivalents: A model based on the Art & Architecture Thesaurus, prepared by International Terminology Working Group, 1999. Available at: <http://glotta.ntua.gr/StateoftheArt/Multilingual-Image-Retrieval/AAT/index.html>

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http://www.antic-r.ru/ntd/razn/iso_704_2009.pdf

ISO 1087-1:2000, Terminology work — Vocabulary — Part 1: Theory and application.
[preview available at: <http://infostore.saiglobal.com/store/PreviewDoc.aspx?saleItemID=216439>]

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IFLA Guidelines for Multilingual Thesauri, 2009. <http://www.ifap.ru/library/book411.pdf>

網路資源舉隅

中研院 CKIP 中文詞知識庫小組 <http://ckip.iis.sinica.edu.tw/CKIP/index.htm>

概念網 <http://ckip.iis.sinica.edu.tw/CKIP/conceptnet.htm>

中研院中英雙語知識本體詞網 <http://bow.ling.sinica.edu.tw/>

中研院語料庫資源 <http://elearning.ling.sinica.edu.tw/resources.html>

知網(HowNet) http://www.keenage.com/html/c_index.html

Data Harmony Taxonomy Software <http://www.dataharmony.com/>

Library of Congress. Controlled Vocabulary and Thesaurus Design Workshop.
<http://www.loc.gov/catworkshop/courses/thesaurus/index.html>

Simple Knowledge Organization System (SKOS) <http://www.w3.org/2004/02/skos/>

Suggested Upper Merged Ontology (SUMO) <http://www.adampease.org/OP/>

Thesaurus Construction—by Tim Craven

<http://publish.uwo.ca/~craven/677/thesaur/main00.htm#contents>

Resources for Taxonomy Creation and Content Management

<https://www.loc.gov/flicc/wg/taxonomy.html>

Thesaurus Management Software

https://www.fbi.fh-koeln.de/institut/labor/Bir/thesauri_new/thsoften.htm

<https://www.asindexing.org/about-indexing/thesauri/thesaurus-management-software/>

Tools for Managing Taxonomies <http://www.earley.com/blog/tools-managing-taxonomies-or-thesauri-or-ontologies>

Software for Building and Editing Thesauri <http://www.taxobank.org/content/thesauri-and-vocabulary-control-thesaurus-software>

Taxonomies and Controlled Vocabularies SIG. Software.

<http://www.taxonomies-sig.org/software.htm>

Free Taxonomy Management Software

<http://accidental-taxonomist.blogspot.tw/2016/02/free-taxonomy-management-software.html>

W3C's "Best Practice Recipes for Publishing RDF Vocabularies (2008)"

<http://www.w3.org/TR/swbp-vocab-pub/>

Willpower Information <http://www.willpowerinfo.co.uk/>

Wordmap <http://www.wordmap.com/>

索引典舉隅

Examples of Controlled Vocabularies

<https://www.controlledvocabulary.com/examples.html>

Lexical and Classification Resources <http://cool.conservation-us.org/lex/>

Online Thesauri and Authority Files

<http://www.asindexing.org/about-indexing/thesauri/online-thesauri-and-authority-files/>

TaxoBank Terminology Registry <https://www.accessinn.com/taxobank-2/>

Taxonomy Warehouse <http://www.taxonomywarehouse.com/>

Thesauri and Controlled Vocabularies http://glotta.ntua.gr/StateoftheArt/Multilingual-Image-Retrieval/AAT/controlled_Voc-Thesauri.htm

Web Thesaurus Compendium

<http://www.mdp.edu.ar/humanidades/documentacion/licad/archivos/modulos/proces/archivos/bibliografia/procesamiento/Eje2/P013.pdf>

立法院國會圖書館編輯。(民 88)。主題檢索詞典:立法資訊系統索引典。第五版。台北市:立法院國會圖書館。(Web version:

<http://lis.ly.gov.tw/lgcgi/ttsweb2?@0:0:1:/disk1/lg/crs@@0.015273083760860062> 說明:<http://lis.ly.gov.tw/lghtml/crshelp/search.htm>)

[大陸]國家圖書館<<中國圖書館分類法>>編輯委員會編。(2005)。中國分類主題詞表。第二版。北京:北京圖書館出版社。

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AAT-Taiwan 藝術與建築索引典 <http://aat.teldap.tw/>

Arts and Architecture Thesaurus Online.

http://www.getty.edu/research/conducting_research/vocabularies/aat/index.html

Alexandria Digital Library Feature Type Thesaurus

<http://legacy.alexandria.ucsb.edu/gazetteer/FeatureTypes/ver070302/>

ASAF Thesaurus <http://www4.fao.org/asfa/asfa.htm>

Booth, B. (1996). *Thesaurus of sociological indexing terms*. 4th ed. San Diego: Sociological Abstracts.

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British Museum Materials Thesaurus <http://www.vocabularyserver.com/materials/>

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Collier Classification System for Very Small Objects <http://verysmallobjects.com/>

Cook's Thesaurus <http://www.foodsubs.com/>

De Vries, M. A. (1996). *Business thesaurus*. Hauppauge, NY: Barron's Educational Series.

ERIC Thesaurus <https://eric.ed.gov/?ti=all>

FISG Vocabularies <http://heritage-standards.org.uk/fish-vocabularies/> [與下一項之內容相同，但呈現格式不同]

Forum on Information Standards in Heritage (FISH): Thesaurus

<http://thesaurus.historicengland.org.uk/frequentuser.htm>

GeoRef thesaurus and guide to indexing. (1989). 5th ed. Alexandria, Va.: American Geological Institute.

Government of Canada Core Subject Thesaurus <http://www.thesaurus.gc.ca/default.asp?lang=En&n=E5807AB0-1>

High Level Thesaurus Project (HILT) <http://www.ukoln.ac.uk/metadata/hilt/>

Humanities and Social Science Electronic Thesaurus (HASSET) <http://www.data-archive.ac.uk/find/hasset-thesaurus>

Iconclass <http://www.iconclass.org/help/outline>

Industrial chemical thesaurus. (1992). 2nd ed. New York: VCH Publishers.

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<http://www.refugeethesaurus.org/content.php/home?expand=2> [需要 login]

IPSV—Integrated Public Sector Vocabulary <http://standards.esd.org.uk/?uri=list%2Fsubjects&tab=details>

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Moving Image Genre-form Guide <http://www.loc.gov/rr/mopic/migintro.html>

Moys, E. M. (2001). *Classification and thesaurus for legal materials*. 4th ed. Munchen: K.G. Saur.

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<https://www.sti.nasa.gov/thesvol1.pdf>

Picon, A., & Sloan, G. (Eds.) (1990). *PAIS subject hearings*. 2nd ed. New York: Public Affairs Information Service.

Remond-Neal, A, & Hlava, M. M.K. (Eds.) (2005). *ASIS&T thesaurus of information science, technology, and librarianship*. Medford, N.J. : Published for the American Society for Information Science and Technology by Information Today, Inc., c2005.

Soper, M. E., Osborne, L. N., & Zweizig, D. L. (Eds.) (1990). *The librarian's thesaurus*. Chicago: American Library Association.

TESE – Thesaurus for Education Systems in Europe

http://eacea.ec.europa.eu/education/eurydice/tese_en.php

The FACET (Faceted Access to Cultural hEritage Terminology) Project

<http://resnt1.isd.glam.ac.uk/facet/live/overview.asp>

Thesaurus for Graphic Materials I: Subject Terms (TGM I)

<http://www.loc.gov/rr/print/tgm1/>

Thesaurus for Graphic Materials II: Genre & Physical Characteristic Terms (TGM II)

<http://www.loc.gov/rr/print/tgm2/>

Thesaurus of metallurgical terms: A vocabulary listing for use in indexing, storage, and retrieval of technical information in metallurgy. 8th ed. Metals Park, Ohio: ASM International.

Thesaurus of psychological index terms. (2001). 9th ed. Washington, DC: American Psychological Association.

Thesaurus of scientific, technical, and engineering terms. (1988). [Philadelphia]: Science Information Center.

United Kingdom Archival Thesaurus (UKAT) <http://www.ukat.org.uk/>

Unified Medical Language System <http://www.nlm.nih.gov/pubs/factsheets/umls.html>

U.S. Department of Energy, Office of Environment, Safety, and Health. (1992). *Dictionary and thesaurus of environment, health, & safety*. Boca Raton, Fla.: C.K. Smoley.

U.S. National Technical Information Service. (1982). *Social science and business microthesaurus: A hierarchical list of indexing terms used by NTIS*. [Springfield, Va.]: The Service.

Visualthesaurus <http://www.visualthesaurus.com>

[Multilingual Thesaurus]

AGROVOC Multilingual agricultural thesaurus

<http://aims.fao.org/vest-registry/vocabularies/agrovoc-multilingual-agricultural-thesaurus>

EuroVoc: Multilingual Thesaurus of the European Union <http://eurovoc.europa.eu/drupal/>

INIS Multilingual Thesaurus <https://nkp.iaea.org/INISMLThesaurus/>

Population Multilingual Thesaurus <http://www.cicred.org/OLD2004/thesaurus/INTEGRAL/>

UNESCO thesaurus. Paris: Unesco Publishing.

<http://vocabularies.unesco.org/browser/thesaurus/en/>

USDA National Agricultural Library Thesaurus

<http://agclass.nal.usda.gov/agt/dne/search.shtml>

Vocabulary of Basic Terms for Cataloguing Costume

<http://network.icom.museum/costume/publications/terminology/>

<http://terminology.collectiontrust.org.uk/ICOM-costume/>

作業及評分依據：

項目	內 容	繳交 / 考試日期	評分比
作業一	索引典評估作業	四月十二日	20%
作業二	索引典編纂進度報告（各組每週一篇）	四月十二日起	20%
作業三	索引典編纂作業	六月二十一日	50%
作業四	索引典編纂心得（個人報告）	六月二十一日	10%
	1. 出席情況會列入學期總分，採不定時抽點，一次點名未到扣學期總分3分。 2. 作業請準時繳交，每遲交一天，扣該次作業5分。		

課程進度：

2/22 Introduction / Controlled Vocabularies and Semantic Tools

Broughton, V. (2006), *Essential thesaurus construction*, Chap. 1.

Harpring, P. (2013). *Introduction to controlled vocabularies: Terminology for art, architecture, and other cultural works*, Chap. 1 & 2.

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6/7 端午節（放假）

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6/21 Class Presentation (Thesaurus Project due)