INSPEC on O V I D Tutorial

CARNet USERS CONFERENCE
CUC 2002

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INSPEC Tutorial Programme

- IEE/INSPEC overview
- INSPEC Database features
  - subject content, size and coverage
- Publications selection criteria
- Searching INSPEC on Ovid
- Subject and Bibliographic fields
- Demos & Examples throughout
- Discussion & Conclusions

IEE/INSPEC - Who are we?

IEE - Institution of Electrical Engineers

- Established in 1871
- UK-based Learned Society *(not-for-profit)*
- 140,000 Members world-wide
- Primary publisher - *books, journals, conferences, colloquia & distance learning*
- Secondary publisher - INSPEC Database

INSPEC Database

- Key to World-Wide Scientific Literature
  - Physics
  - Electrical & Electronics Engineering
  - Computing & Control Engineering
- A number of cross-disciplinary topics
- Journals, Conferences and Other Documents
- Global Coverage
- International Recognition for High Quality

INSPEC Database size

- Over 7.3 Million Records
- Over 30 years of Electronic Data
- Over 350,000 Records p.a.
- Over 3000 Journals & 3,000 Other Publications
- 80 Countries of Publication

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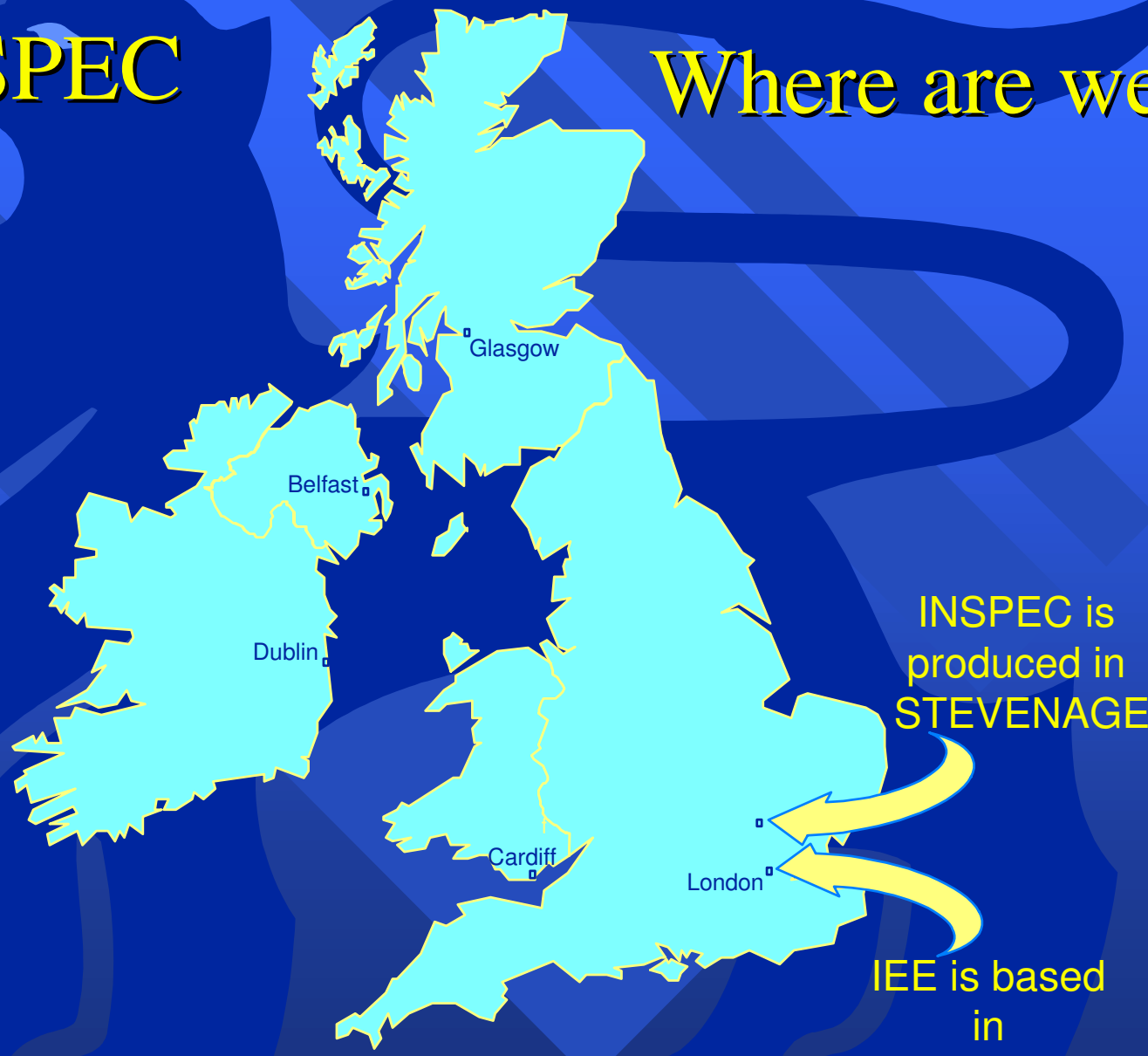
IEE/INSPEC

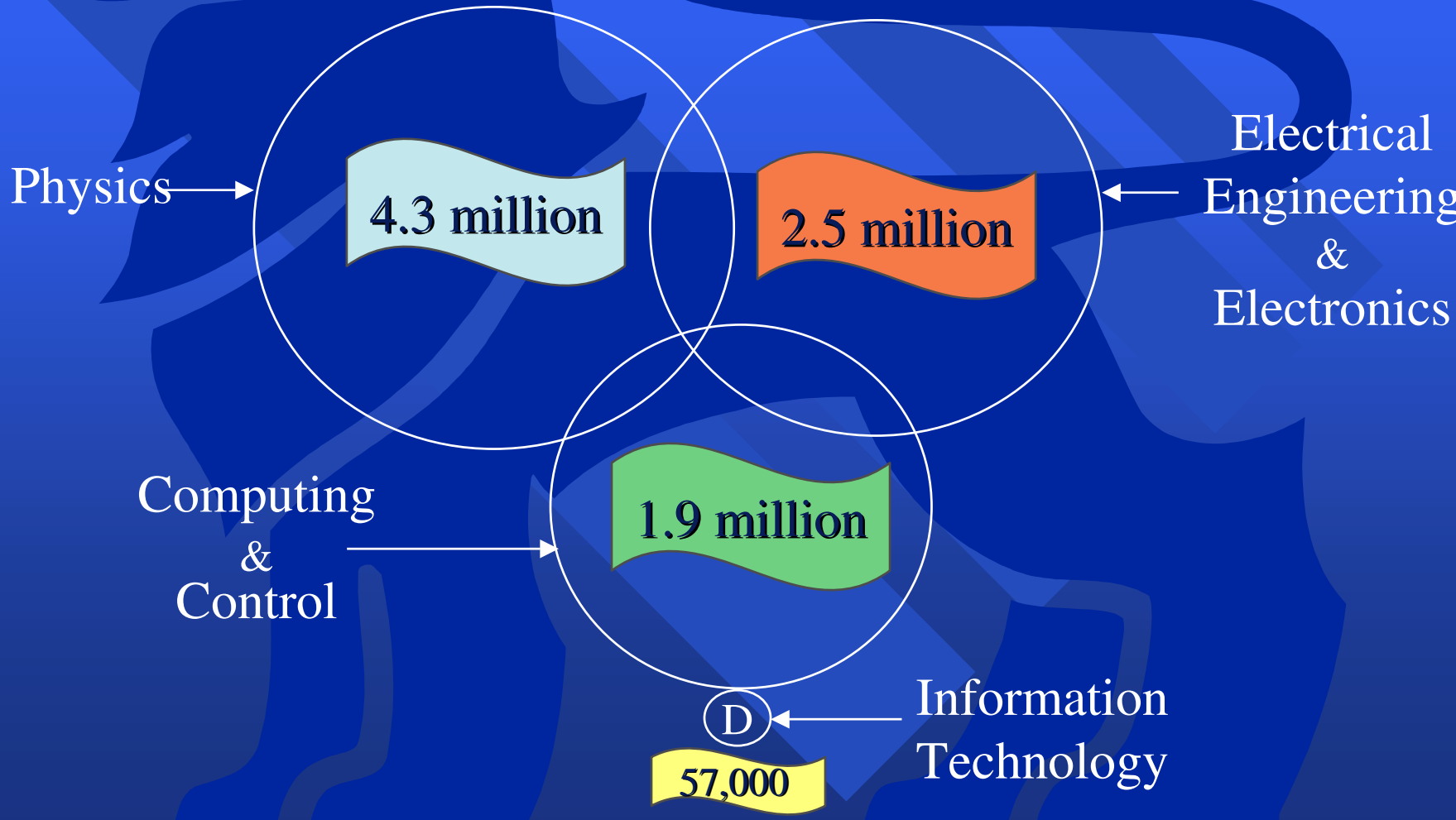
Where are we?



INSPEC is produced in STEVENAGE

IEE is based in LONDON

INSPEC Database Subjects



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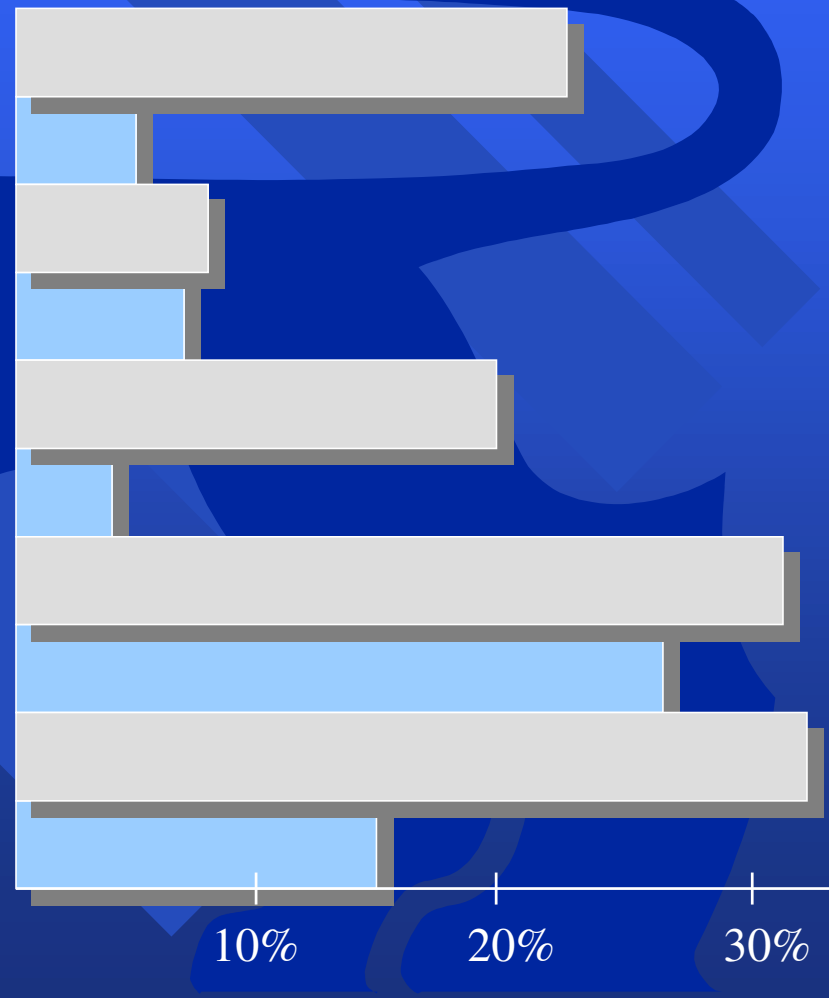
IEE Publishing and Information Services

Physics - 4.3 Million Records

A0 General
A1 Elementary particles
A2 Nuclear physics
A3 Atomic & molecular
A4 Fundamental physics
A5 Plasmas & discharges
A6 Solid state, non-electronic
A7 Solid state, electronic
A8 Cross-disciplinary physics
A9 Geophysics & astronomy



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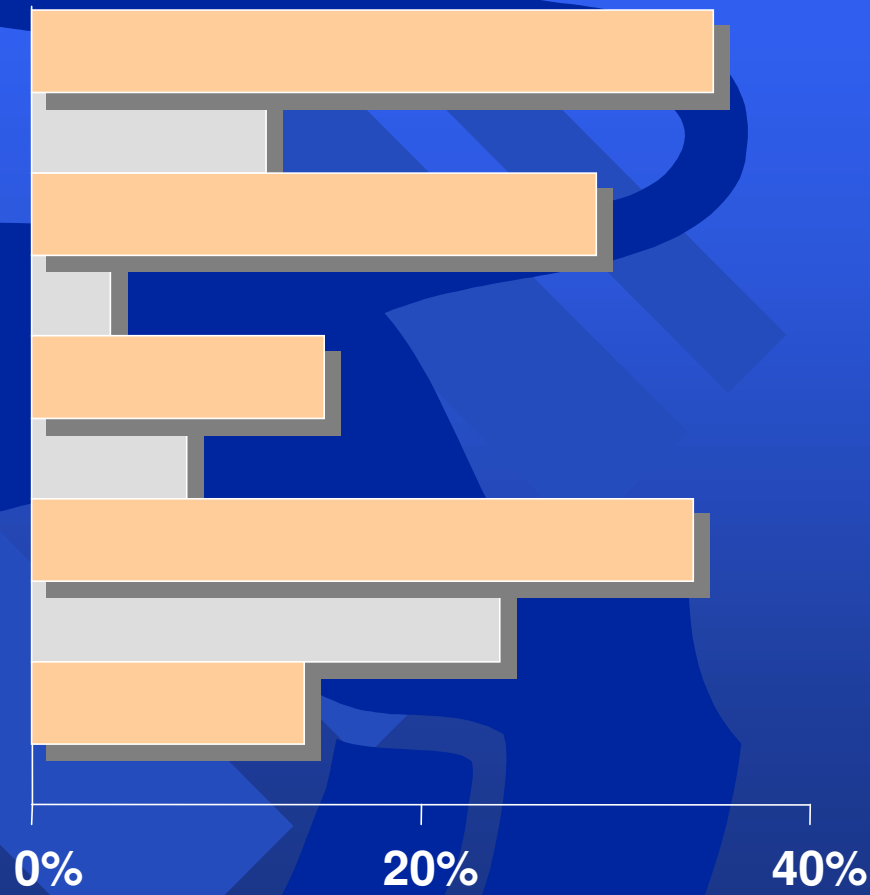
Electrical & Electronic - 2.5 M

- B0 General, maths and materials
- B1 Circuits
- B2 Components, electron devices
- B3 Magnetic devices & materials
- B4 Optoelectronics
- B5 Electromagnetic fields
- B6 Communications
- B7 Instruments & Applications
- B8 Power systems



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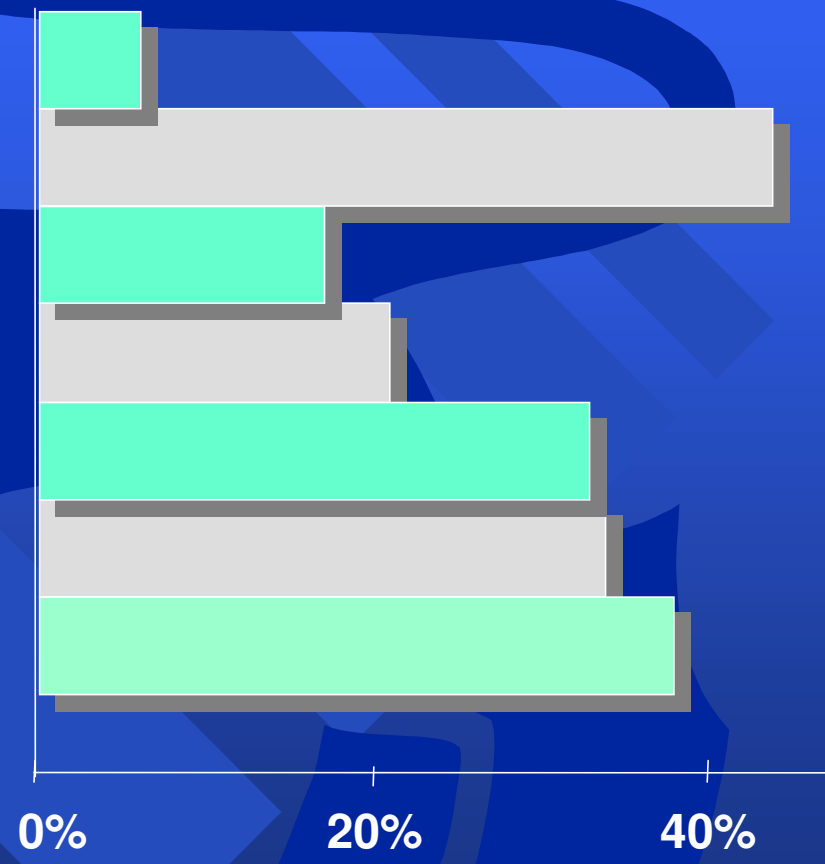
Computing & Control - 1.9 M

- C0 General & management
- C1 Systems & control theory
- C3 Control technology
- C4 Numerical & computer theory
- C5 Computer hardware
- C6 Computer software
- C7 Computer applications



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Information Technology - 57,000

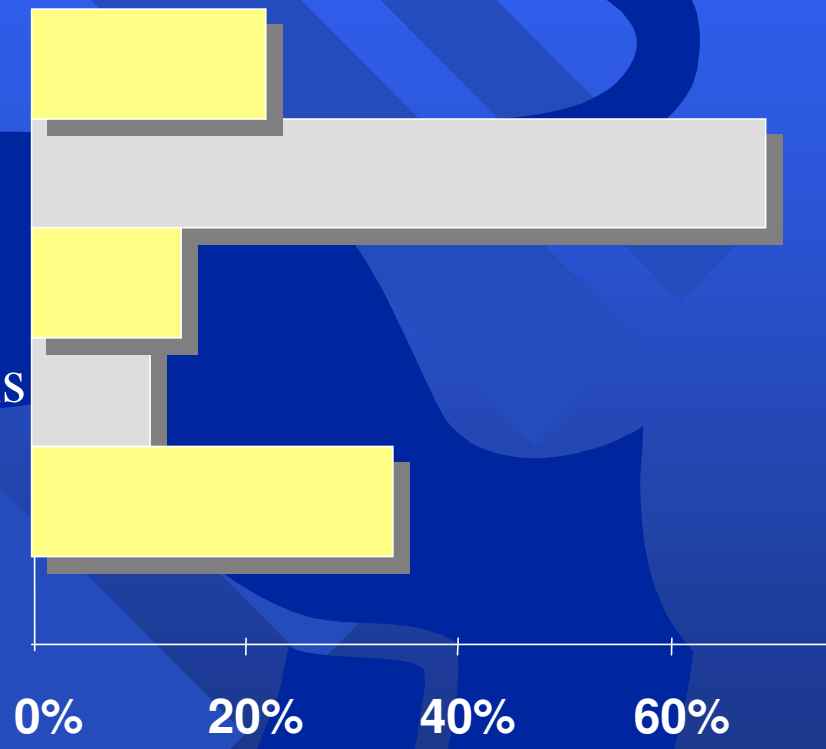
D1 General & management

D2 Applications

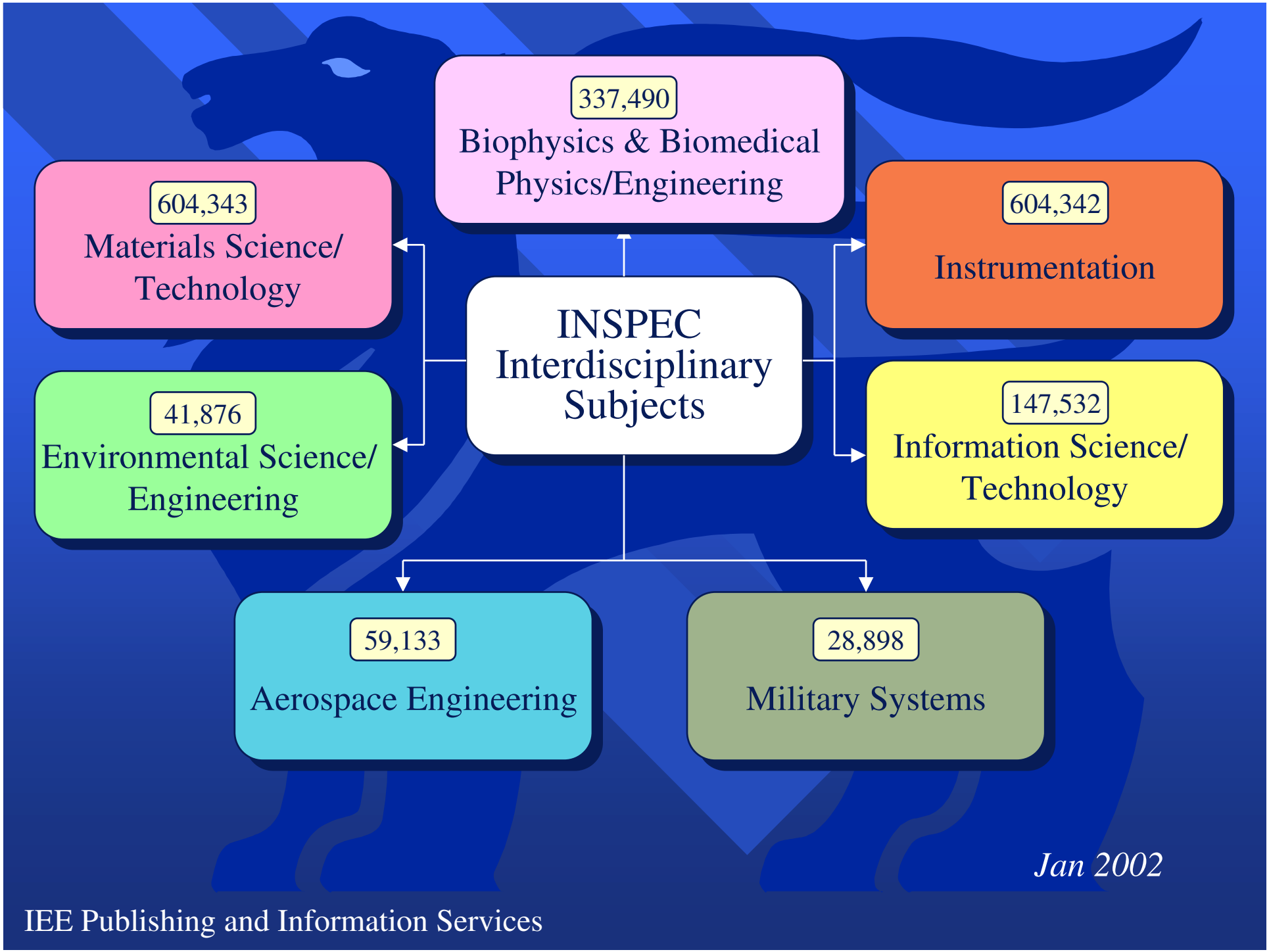
D3 General Systems

D4 Office automation/communications

D5 Office automation/computing



Jan 2002


337,490
Biophysics & Biomedical Physics/Engineering
604,343
Materials Science/ Technology
604,342
Instrumentation
INSPEC Interdisciplinary Subjects
41,876
Environmental Science/ Engineering
147,532
Information Science/ Technology
59,133
Aerospace Engineering
28,898
Military Systems
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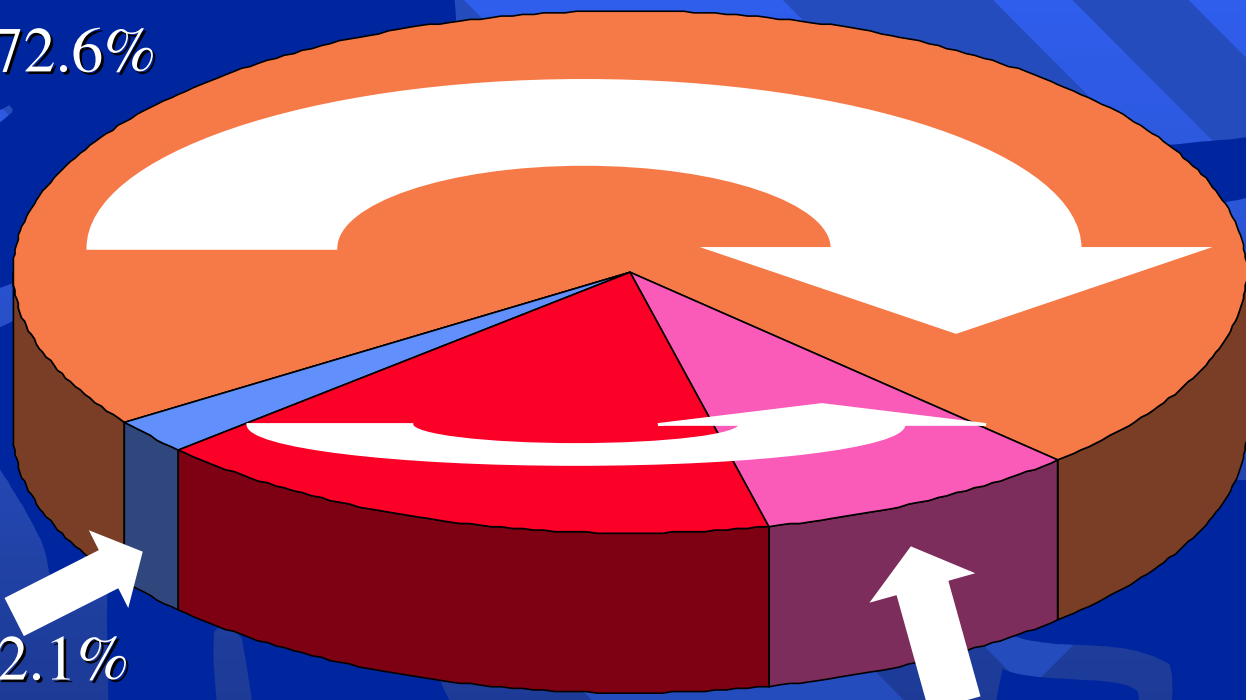
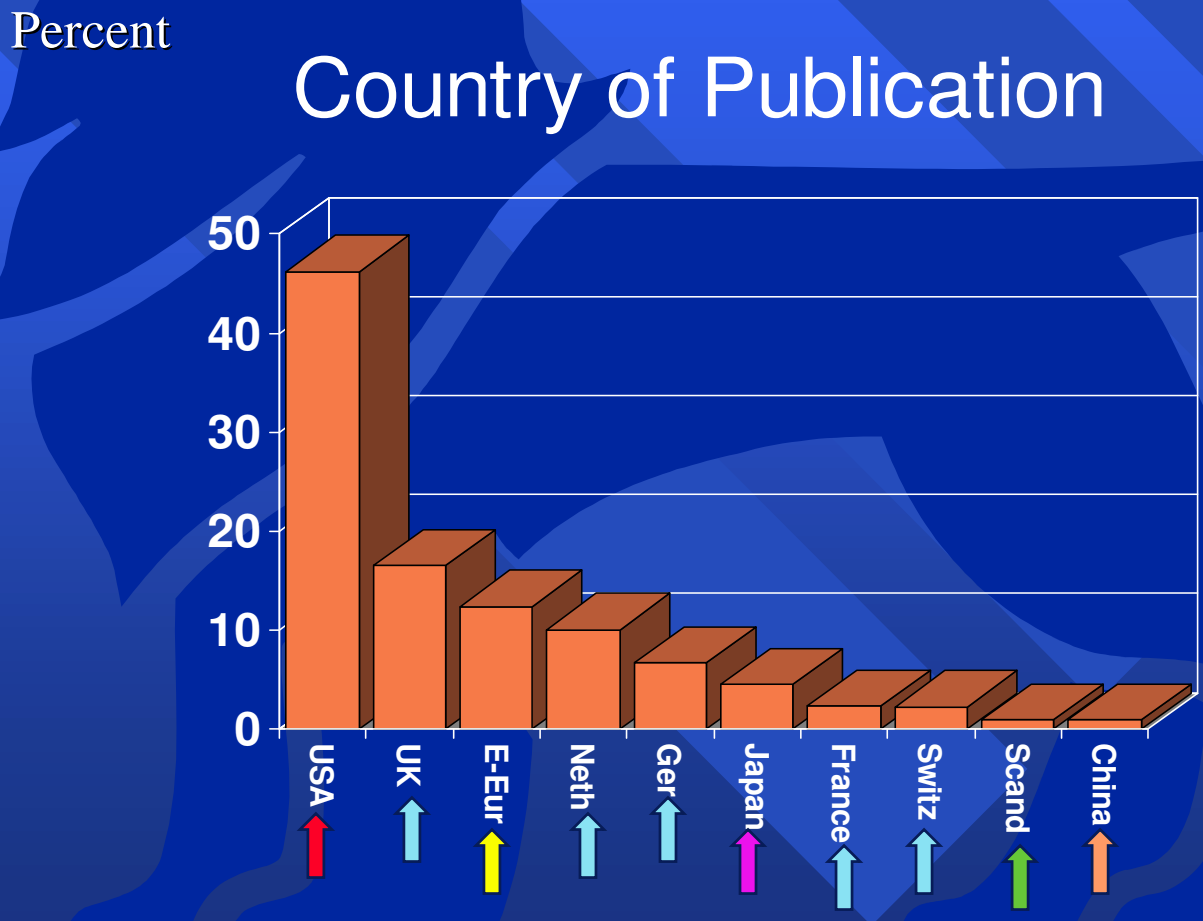
Source Documents

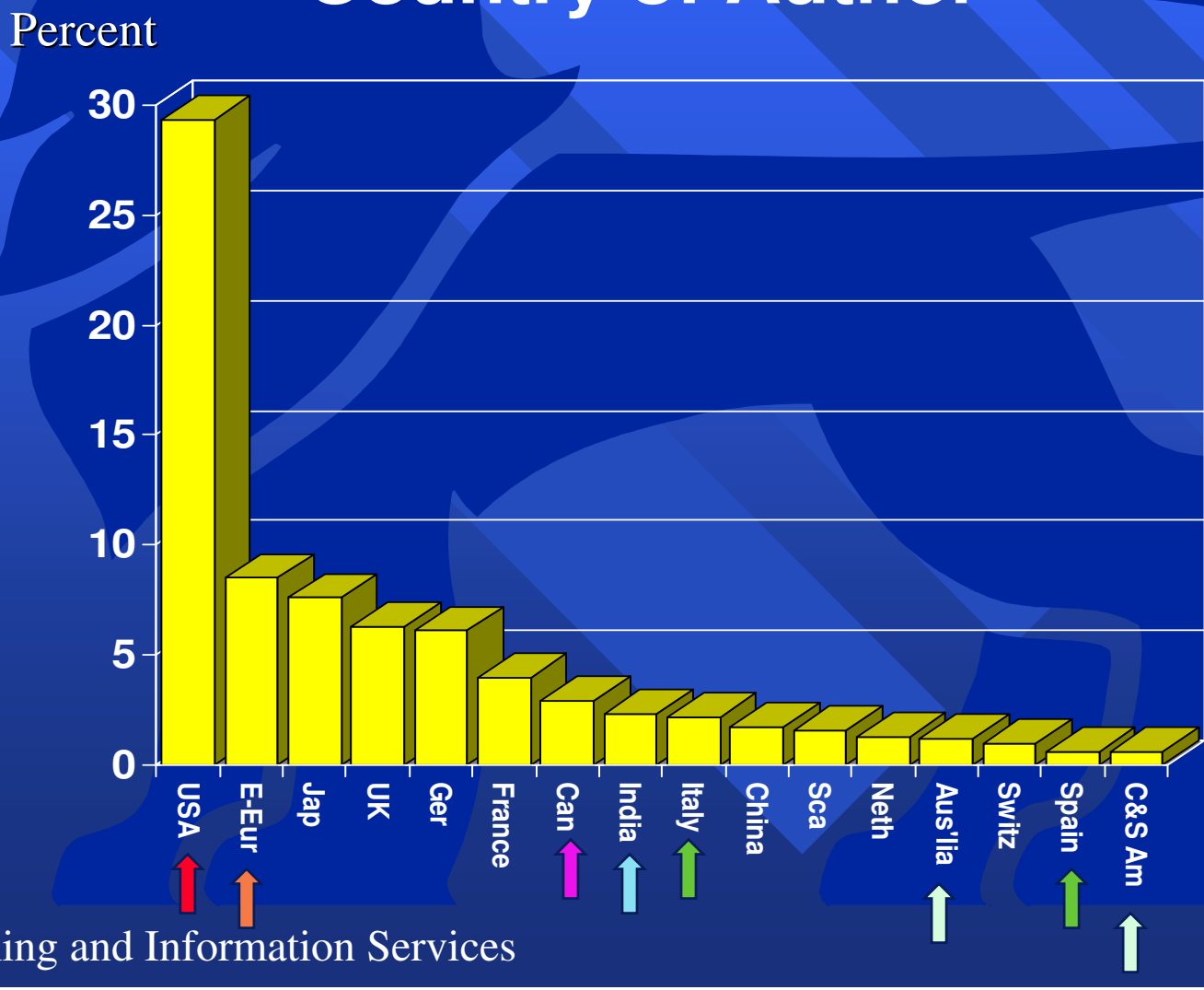


World-Wide Coverage



World-Wide Coverage

Country of Author



INSPEC Top 25 Publishers

(Alphabetical List)

- Academic Press
- ACM
- AIP
- Allerton Press
- American Geophys. Union
- APS
- Astron. Soc. Pacific
- Elsevier
- Gordon & Breech
- IEE
- IEEE
- IOP Publishing
- Inst. Electron. Inf. & Commun. Eng.
- Japanese Journal Appl. Physics
- Kluwer Academic Publishers
- MAIK Nauka/Interperiodica Publishing
- Opt. Soc. America
- Plenum
- Science Press
- SPIE-Int. Soc. Opt. Eng.
- Springer-Verlag
- Taylor & Francis
- Univ. of Chicago Press
- Wiley
- World Scientific

June 2000

Primary Selection Criteria

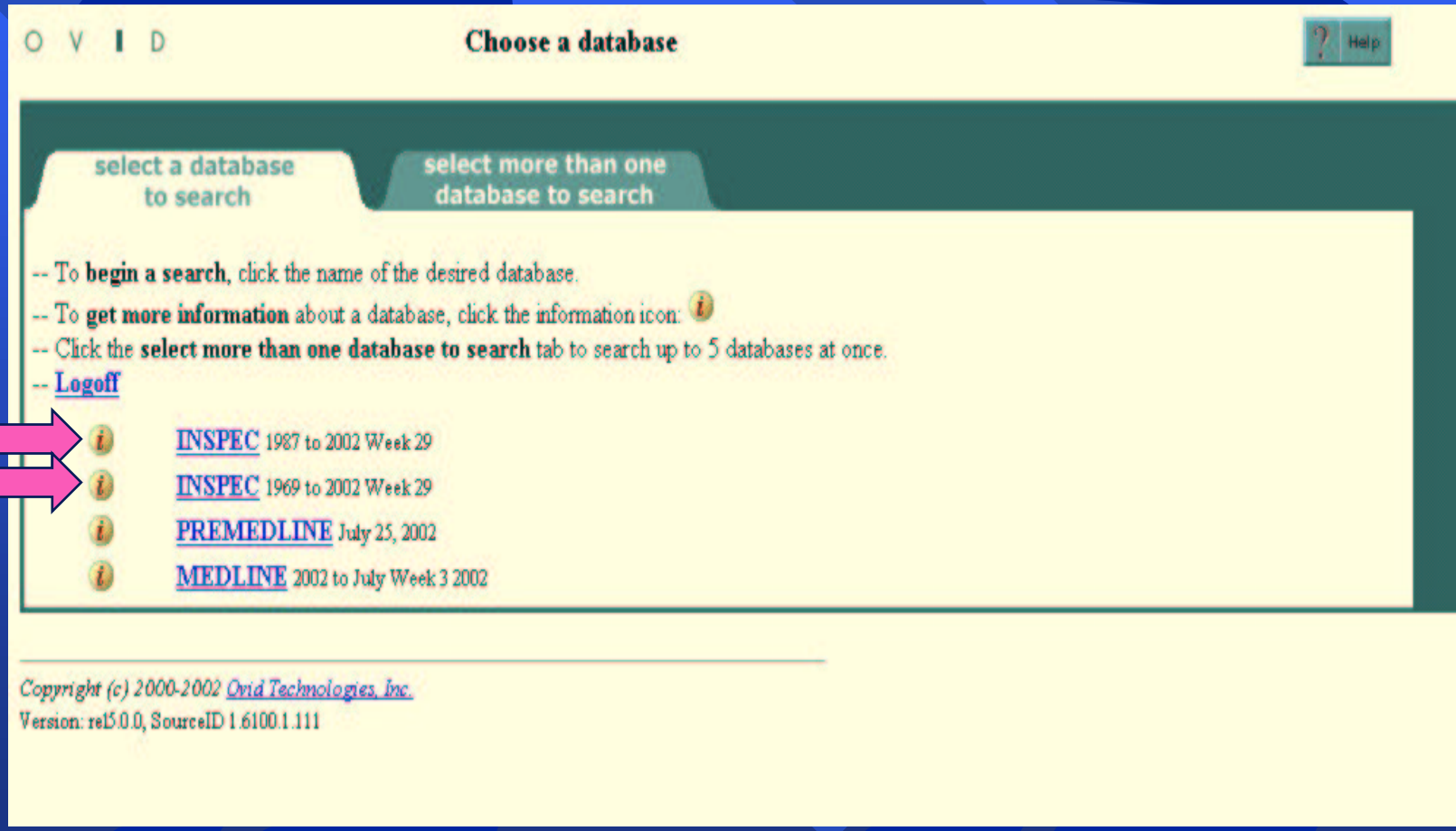
- INSPEC Subject Area
- Document Types (Journals, Conference Proceedings, Report Series, Other...)
- Shelf Life (No news items)
- Academic Format
  - Ti, Ab
  - Article length
  - References
  - Bibliographic Data

Additional Selection Criteria

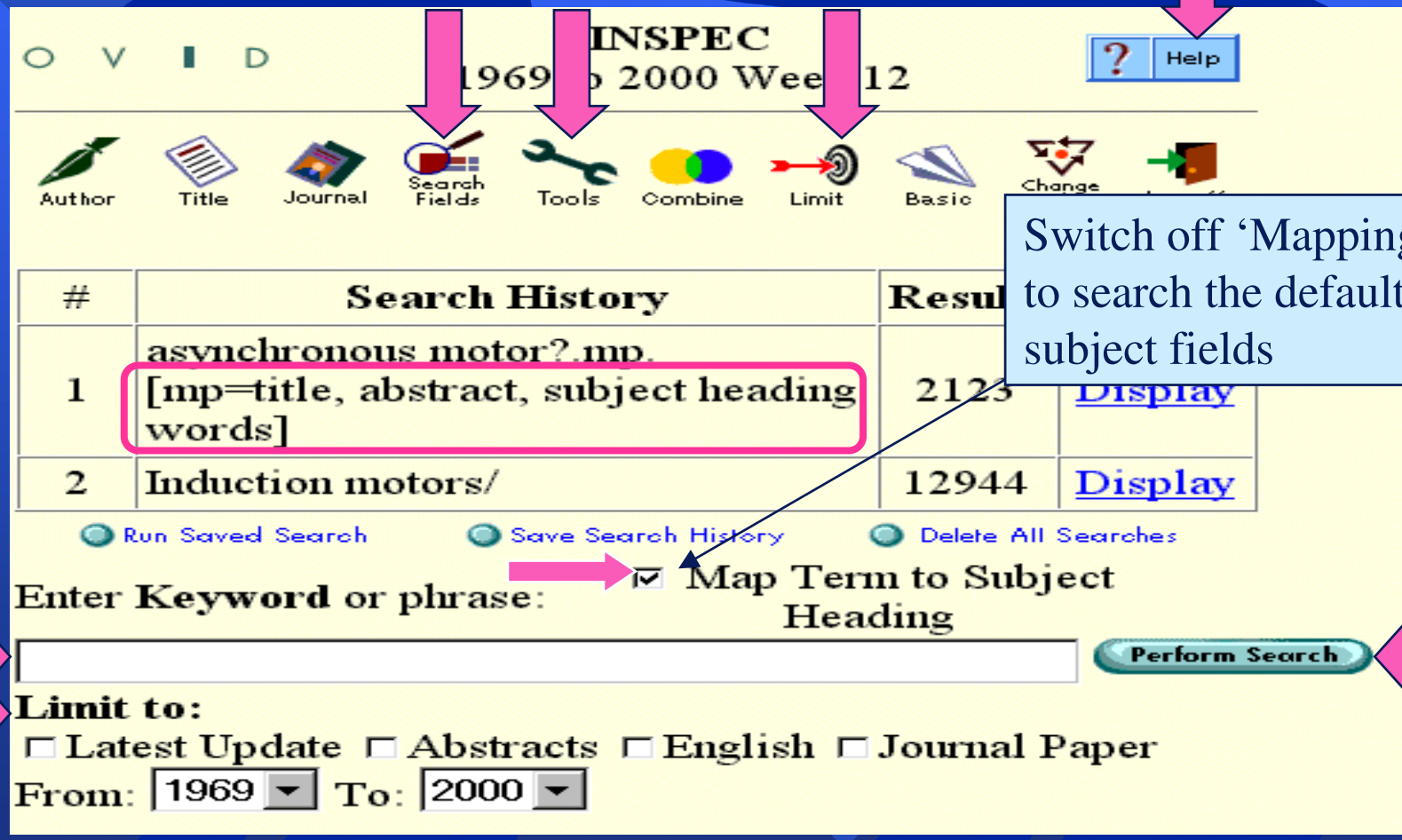
- Publishers (INSPEC has agreements with many Top Publishers)
- Language
  - English Article
  - English Abstract
  - English Title
- Excessively Delayed Receipt of Publication
- Very Poor Quality of Print or Paper

INSPEC on O V I D

INSPEC on O V I D

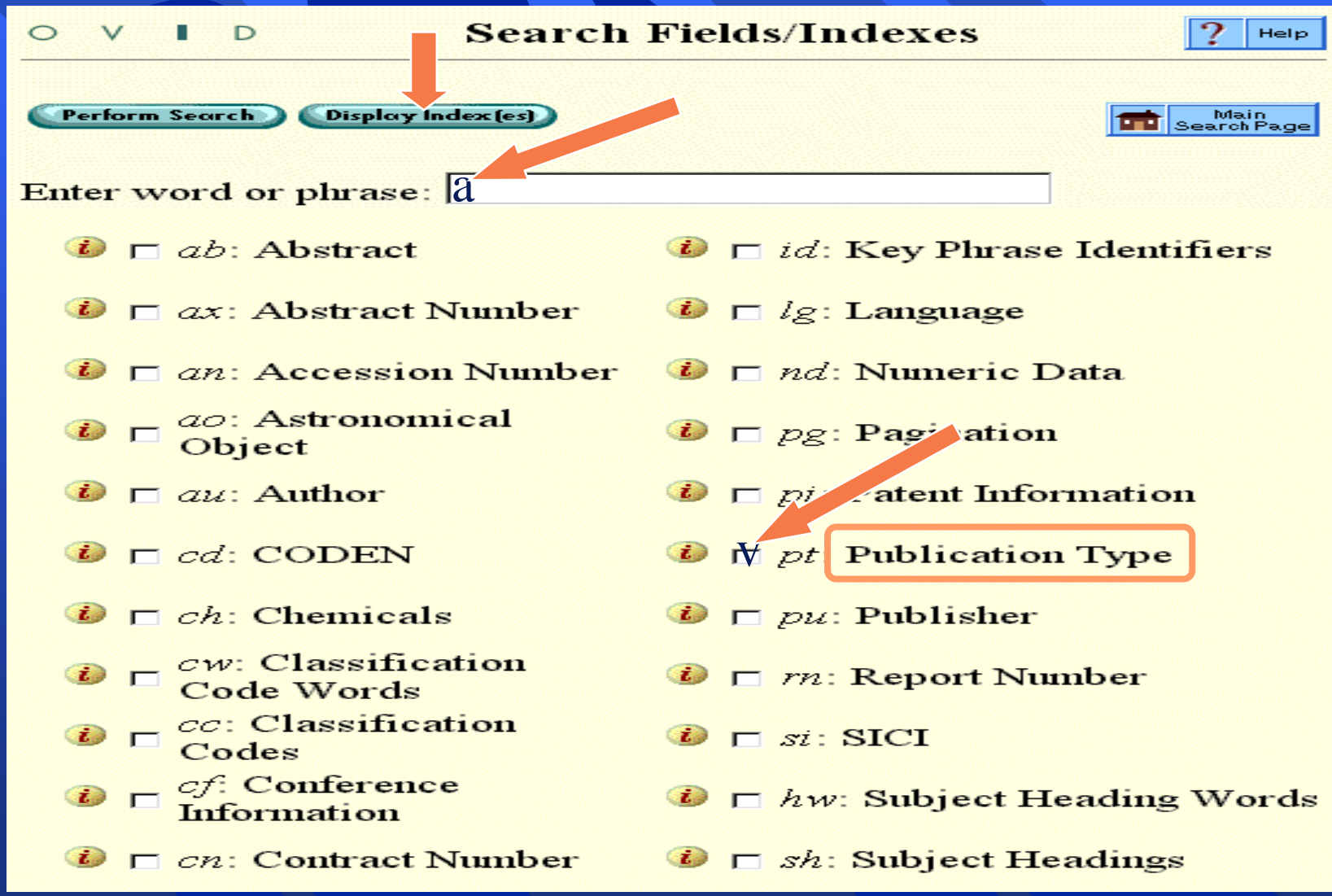


Search Screen

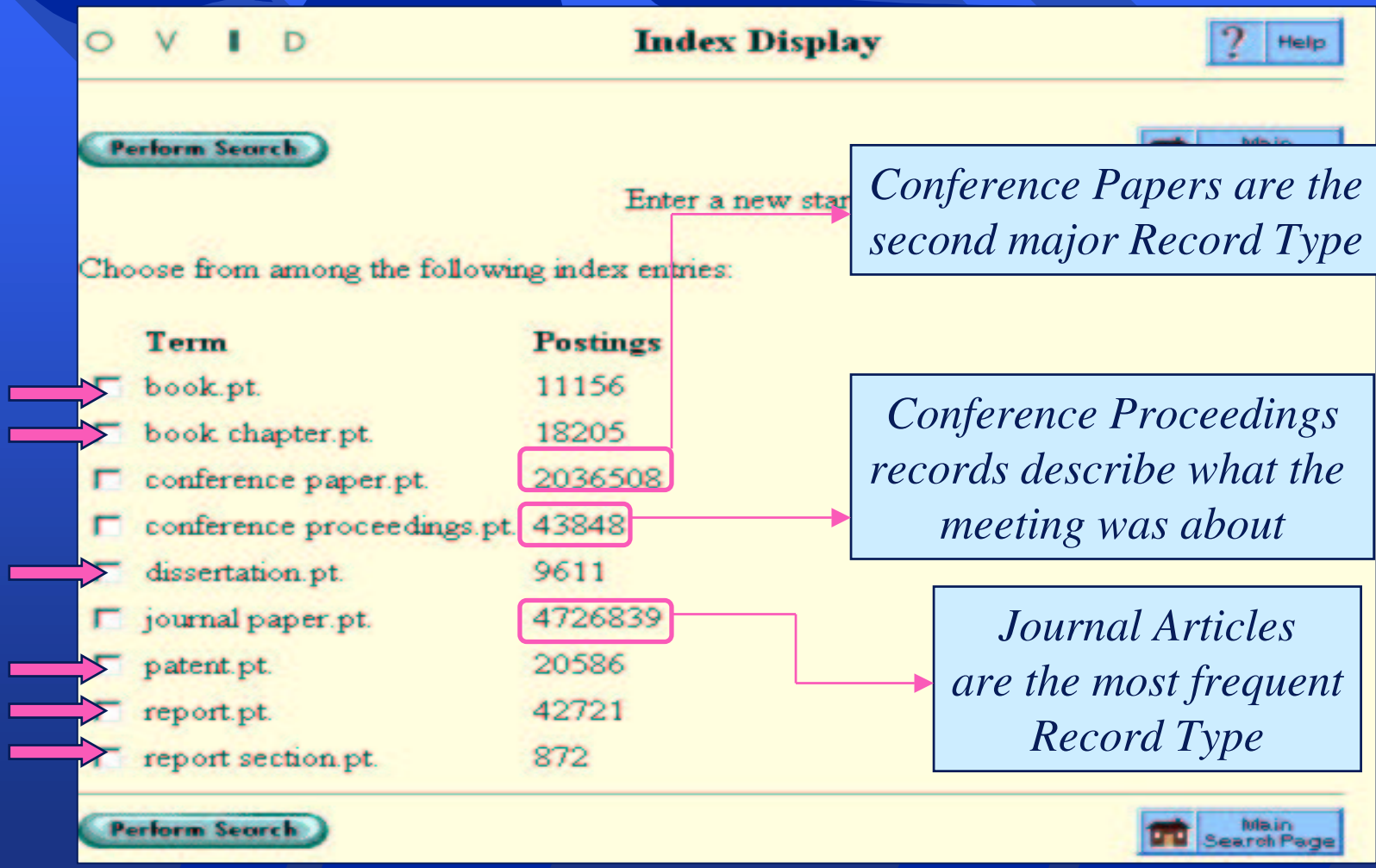


Switch off 'Mapping' to search the default subject fields

Search Fields/Indexes



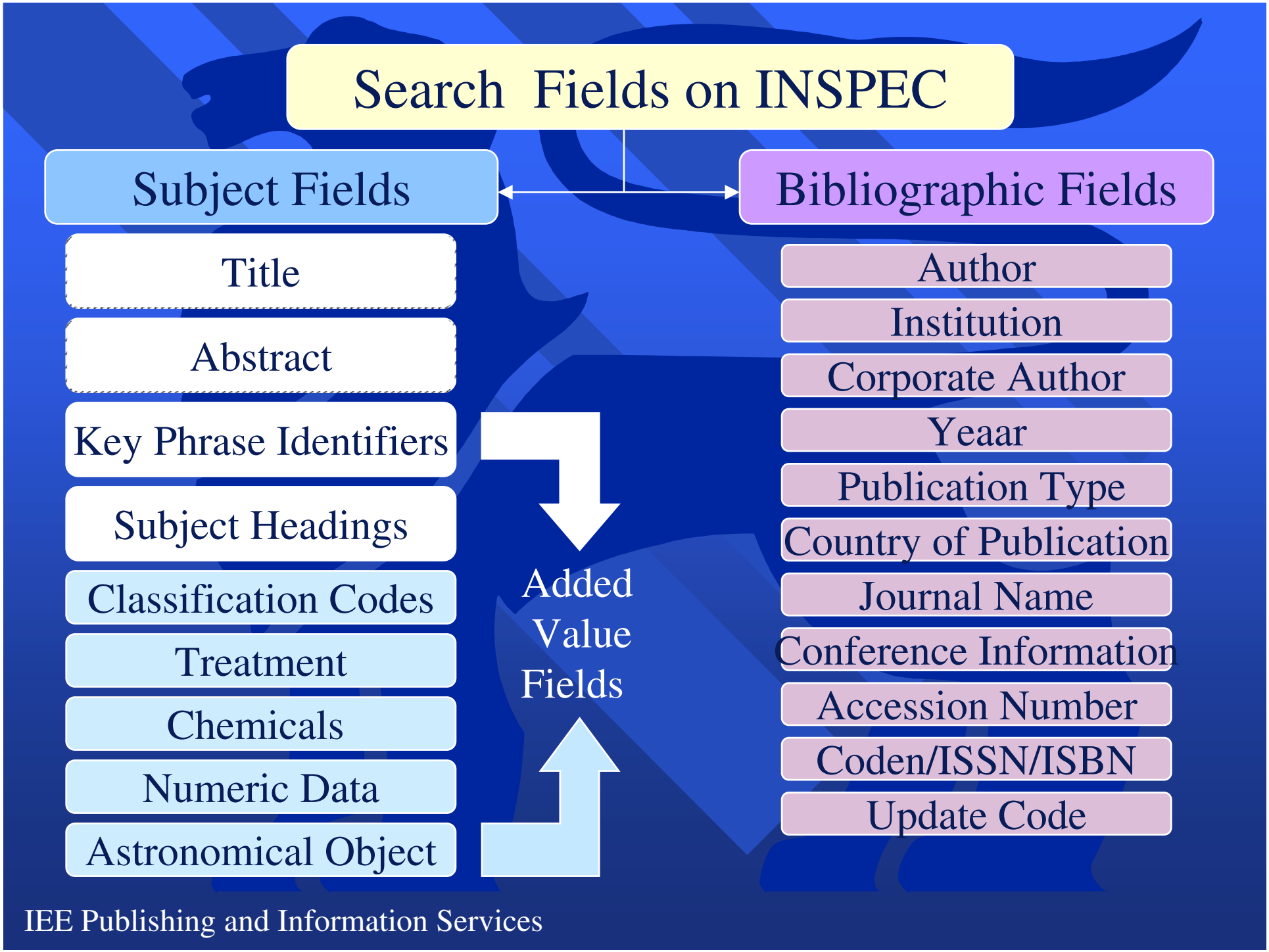
Publication Types Index



Conference Papers are the second major Record Type

Conference Proceedings records describe what the meeting was about

Journal Articles are the most frequent Record Type


Search Fields on INSPEC
Subject Fields
Bibliographic Fields
Title
Abstract
Key Phrase Identifiers
Subject Headings
Classification Codes
Treatment
Chemicals
Numeric Data
Astronomical Object
Added Value Fields
Author
Institution
Corporate Author
Yeaar
Publication Type
Country of Publication
Journal Name
Conference Information
Accession Number
Coden/ISSN/ISBN
Update Code
IEE Publishing and Information Services

INSPEC Search Fields on Ovid

Title

Effects of the method of cathode synthesis on the internal resistance of lithium/silver vanadium oxide batteries.

Abstract

Silver vanadium oxide (Ag/sub 2/V/sub 4/O/sub 11/, SVO) is the active cathode material in lithium primary cells for powering implantable cardioverter defibrillators. The SVO material is synthesized either by a decomposition method at 380 degrees C or by a combination method at 500 degrees C. The resulting materials have drastically different morphologies. The rate capability and cell resistance of lithium cells with these SVO cathode materials have been characterized. The sources of cell resistance were studied with cells having a built-in lithium reference electrode at various depths of discharge. The transformation of DSVO into a CSVO-like material is also discussed. (6 References).

Subject Headings

Cathodes. Defibrillators. Electrochemical electrodes. Electrochemistry. Lithium. **Pacemakers**. Secondary cells. Silver compounds. Vanadium compounds.

From INSPEC Thesaurus

Key Phrase Identifiers

Li-Ag/sub 2/V/sub 4/O/sub 11/ secondary cells; active cathode material; implantable cardioverter defibrillators; rate capability; cell resistance; depths of discharge; reference electrode; 500 C; 380 C; Li-Ag/sub 2/V/sub 4/O/sub 11/.

From Ti, Ab and indexer's expertise

Classification Codes

Secondary cells [A8630F]; Electrochemistry and electrophoresis [A8245]; Prosthetics and other practical applications [A8770J]; Patient care and treatment [A8770G]; Secondary cells [B8410E]; Prosthetics and orthotics [B7520E]

From INSPEC Classification

Treatment

Experimental

Selected from 9 available codes: Theoretical, Practical, Review, General……

Chemicals

Li-Ag2V4O11/int; Ag2V4O11/int; Ag2/int; O11/int; Ag/int; Li/int; V4/int; O/int; V/int; Ag2V4O11/ss; Ag2/ss; O11/ss; Ag/ss; V4/ss; O/ss; V/ss; Li/el

Numeric Data

Temperature 7.73E+02 K
Temperature 6.53E+02 K

Inorganic substances are indexed using special roles, e.g. 'el, bin, ss' (from 1987)

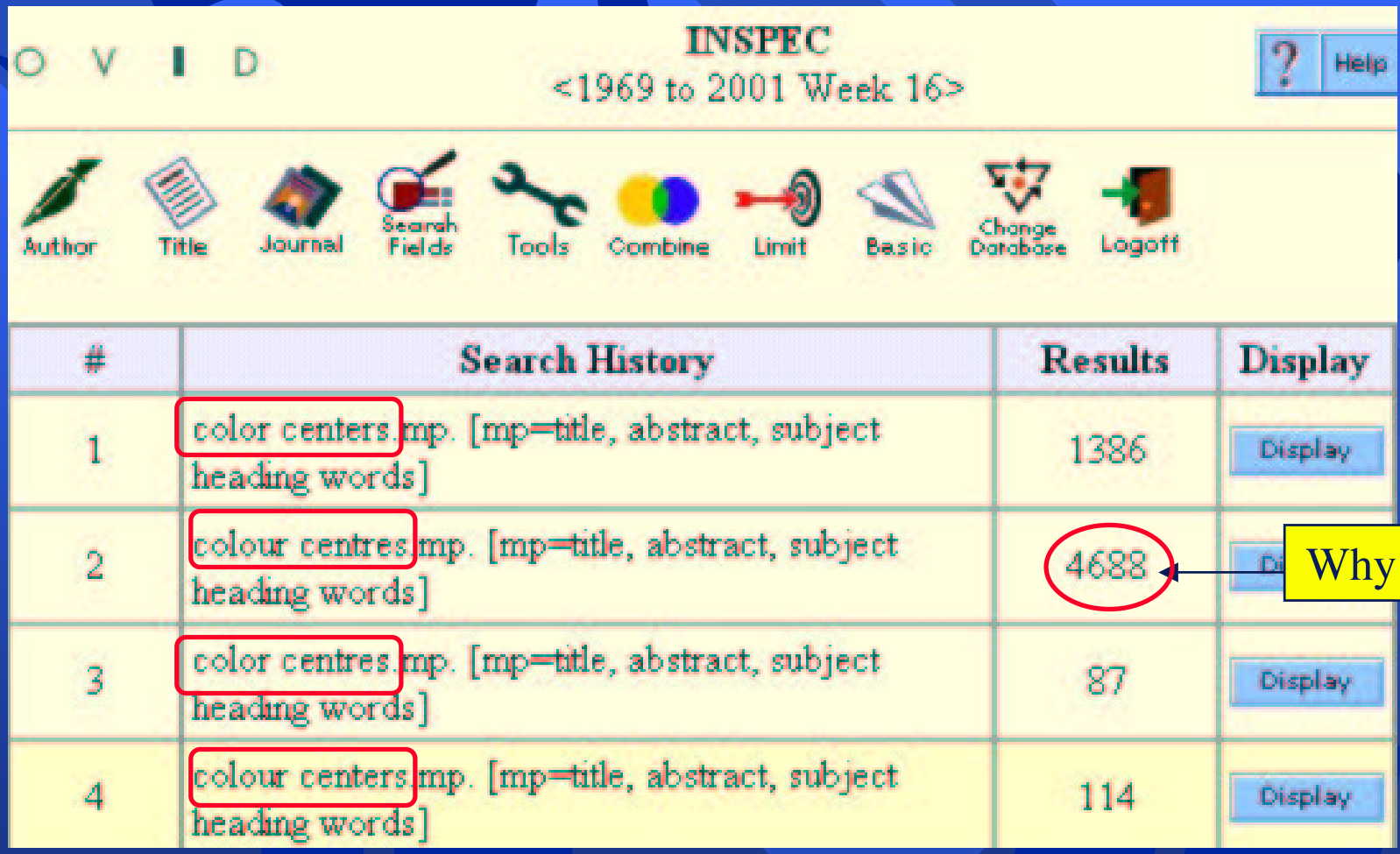
Numerical data are indexed using Numerical Thesaurus (standardised Quantities & Units), from 1987

Key Phrase Identifiers

- Key words and phrases selected from:
  - title, abstract
  - full text
  - indexer's expertise
- Useful particularly to
  - exclude topics that are only mentioned
  - search general but relevant topics
  - search terms common in INSPEC subject fields

Key Phrase Identifiers are searched by Keywords
What problems does it involve??

Free Language Search - Example



Answer: colour centres is a Subject Heading

Free Language Search - Problems

[Searching Ti, Ab and Id by keywords]

- Variations in spelling, acronyms, terminology, and punctuation
- Chemical searching is complex
- Numerical searching can be difficult

Will be dealt with separately

Spelling

colour	color
defence	defense
atomisation	atomization
aluminium	aluminum
fibre	fiber
catalogue	catalog
sulphur	sulfur
modeling	modelling
haemodynamics	hemodynamics
disc	disk
programme	program
grey	gray

Acronyms

- Thousands of acronyms are used

  e.g. RAM, NVRAM, DRAM, SRAM (RAM variations)
- Authors often assume the acronym(s) are known
- One acronym is often used for more subjects
  - PC (microcomputers or printed circuits or programmable controllers)
  - HV (high vacuum or high voltage)
  - FEA (finite element analysis or field emitter arrays)

Terminology

- US vs UK
  - aerial vs antenna
  - lift vs elevator
  - assisted vs aided
- field specific - example
  - PC, desk-top computer, microcomputer, laptop

Many examples exist in almost every subject

Subject Headings sh

- Key Words and Phrases from the INSPEC Thesaurus
- Standardized Spelling, Punctuation, Terminology
- The 2002 Thesaurus has well over 16,000 terms

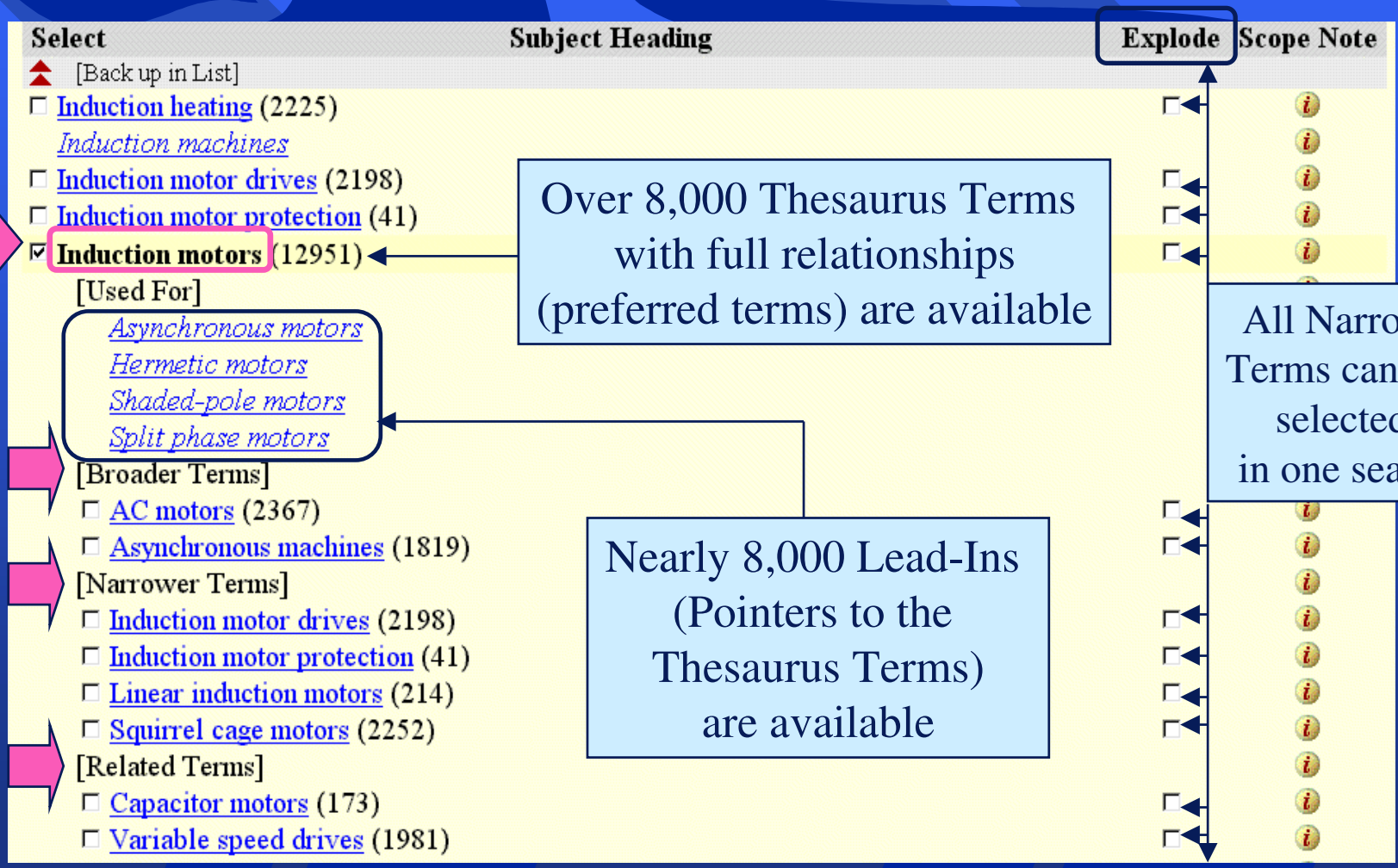
Overcomes problems with Free Language

Allows you to explore subjects and to find additional broader, narrower and related terms

Thesaurus – Why Use It?

1. To overcome free language search problems
2. To find additional & related terms
3. To improve search accuracy

Thesaurus - Find Additional Terms



Thesaurus - Improve Search Accuracy

Search Topic: RAM

#	Search History	Results	Display
1	ram.mp. [mp=title, abstract, subject heading words]	12621	Display
2	random access storage.sh.	7279	Display

The records in the set 1 include a number of false drops, e.g.

- *transport of radioactive material (RAM)*
- *ram pressure stripping of dwarf galaxies*
- *ram force of hydraulic cylinder*
- *radar absorbent material (RAM)*

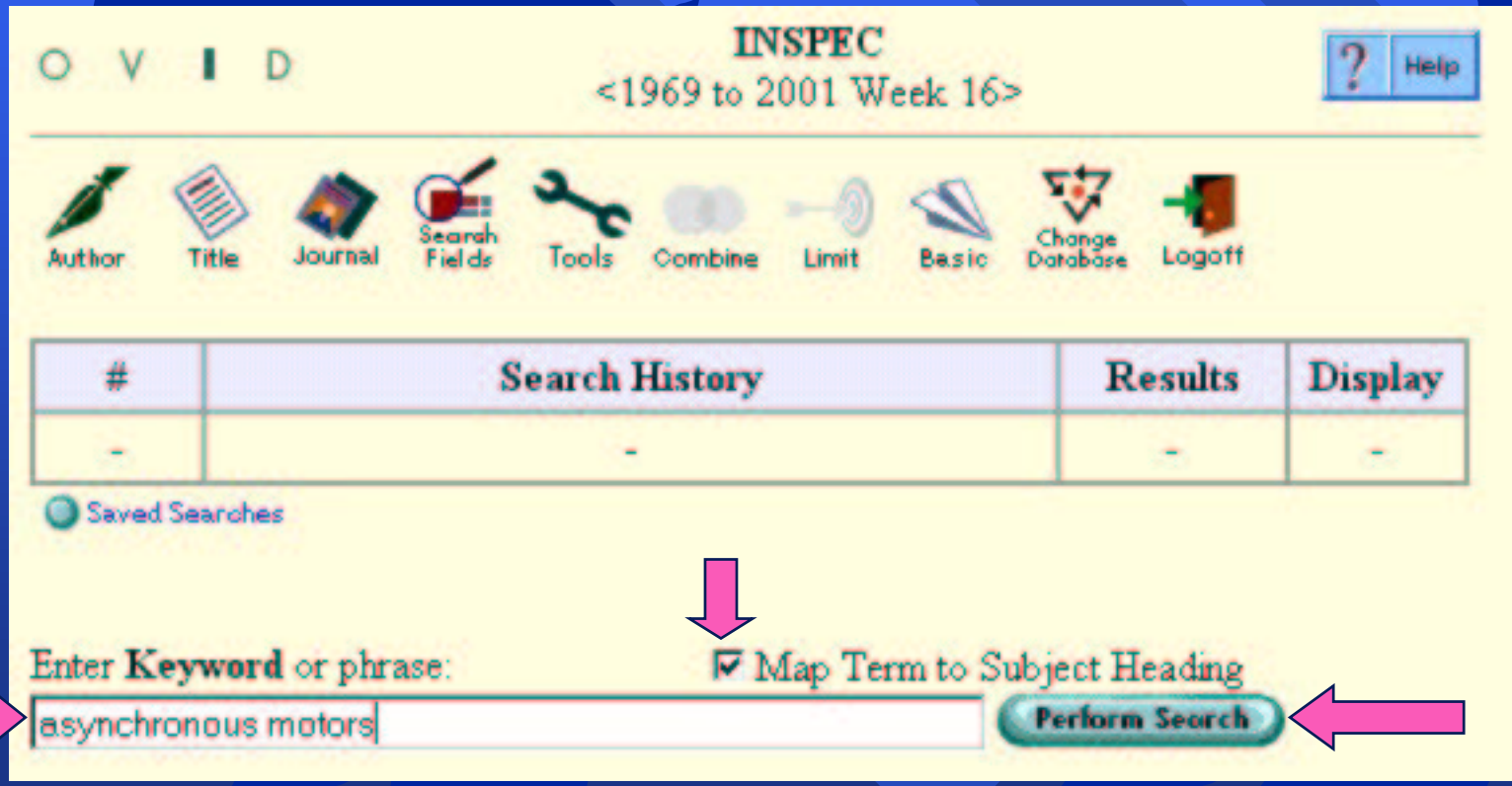
Smaller but more accurate result is obtained

May 2001

Finding Subject Headings

1. Use the *'Mapping'* tool
2. Start with Trial Search - link to *Thesaurus via Subject Headings* in citations
3. Explore *Thesaurus* via *Tools*
4. Browse the *Subject Headings* List via Search Fields

Using Mapping Tool - Step 1

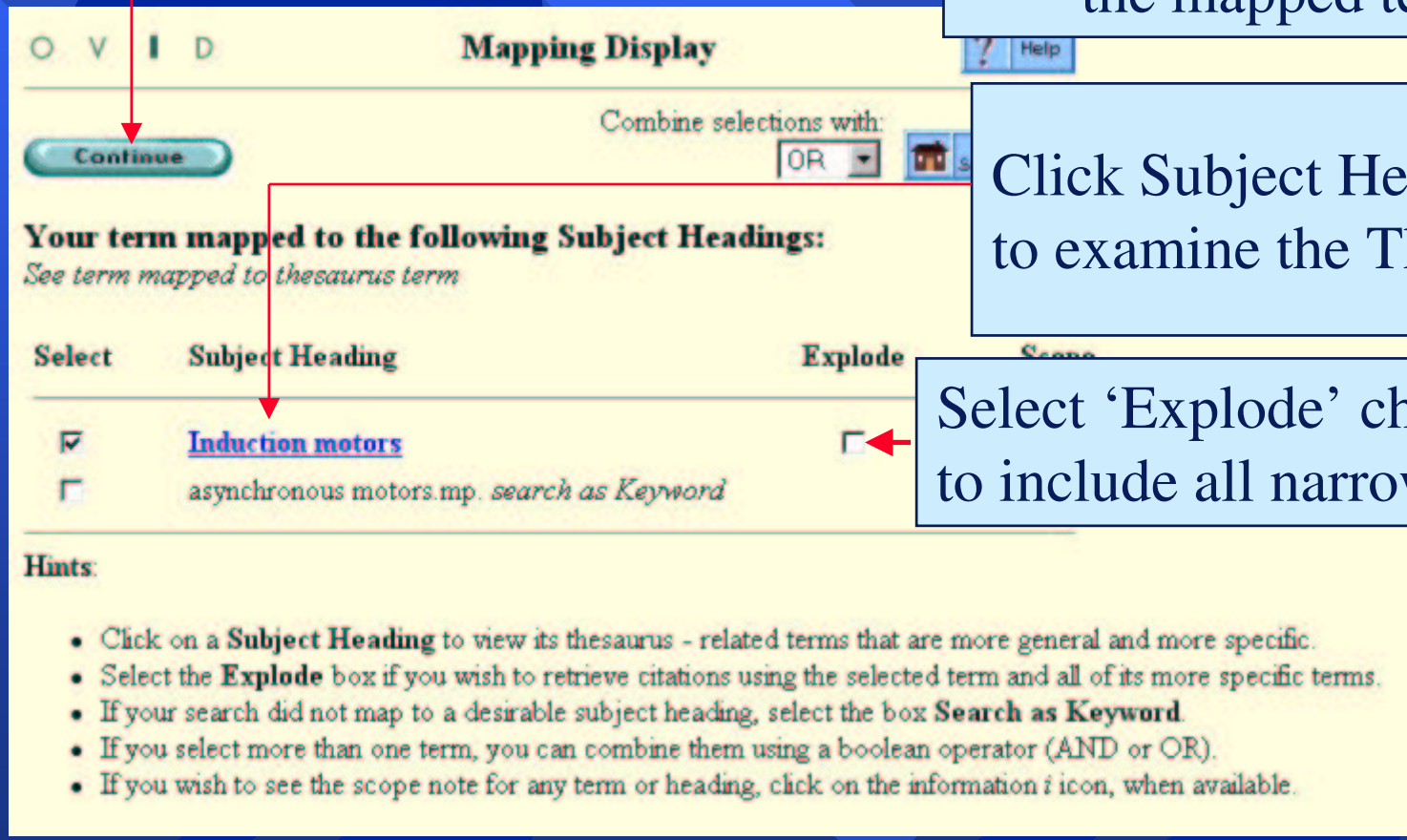


Using Mapping Tool - Step 2

Click ‘Continue’ to search the mapped term

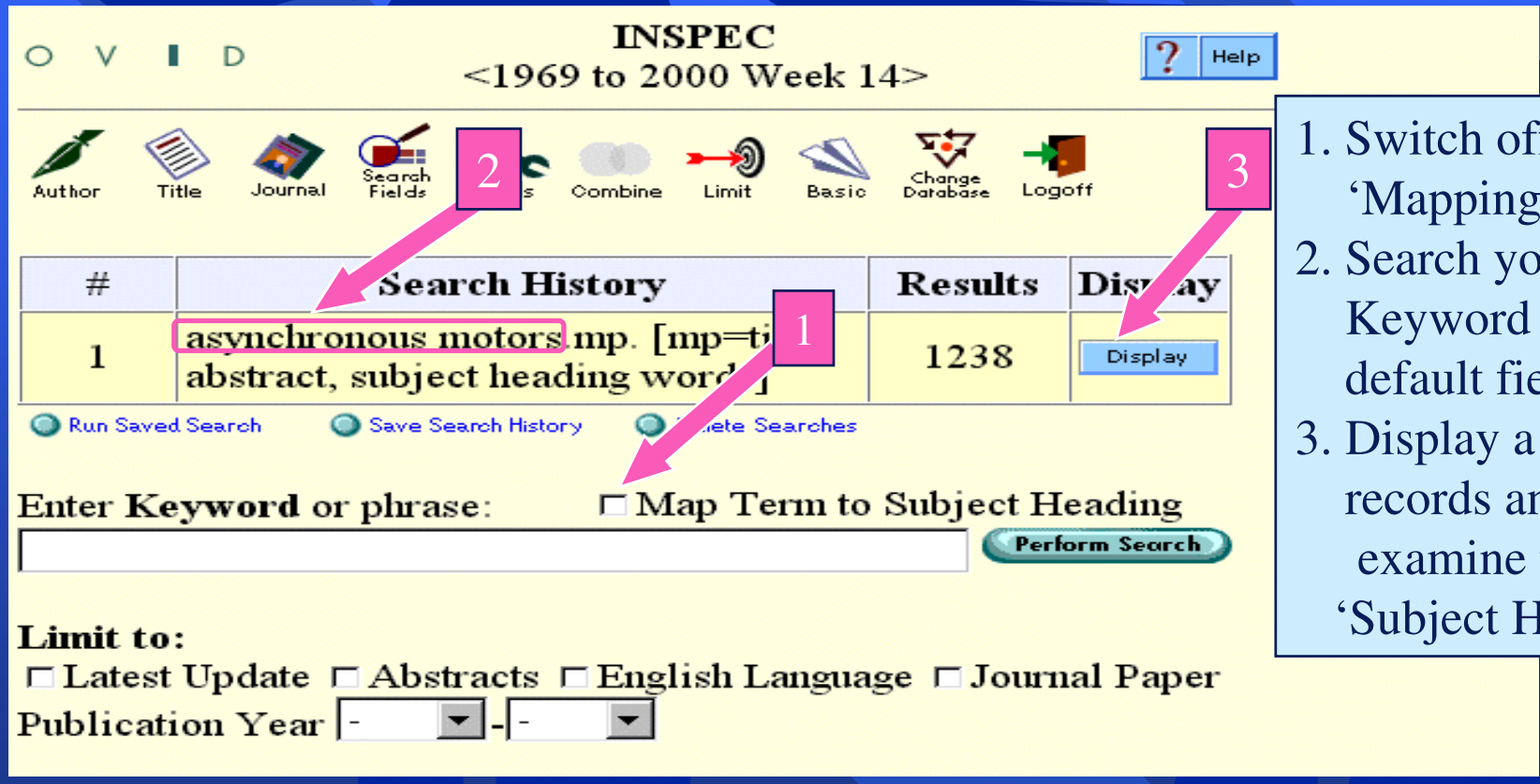
Click Subject Heading to examine the Thesaurus

Select ‘Explode’ check box to include all narrow terms



Subject Headings via Trial Search

Search Topic: Asynchronous motors



1. Switch off 'Mapping'
2. Search your Keyword in the default fields
3. Display a few records and examine the 'Subject Headings'

Subject Headings via Trial Search

INSPEC <1969 to 2000 Week 14>

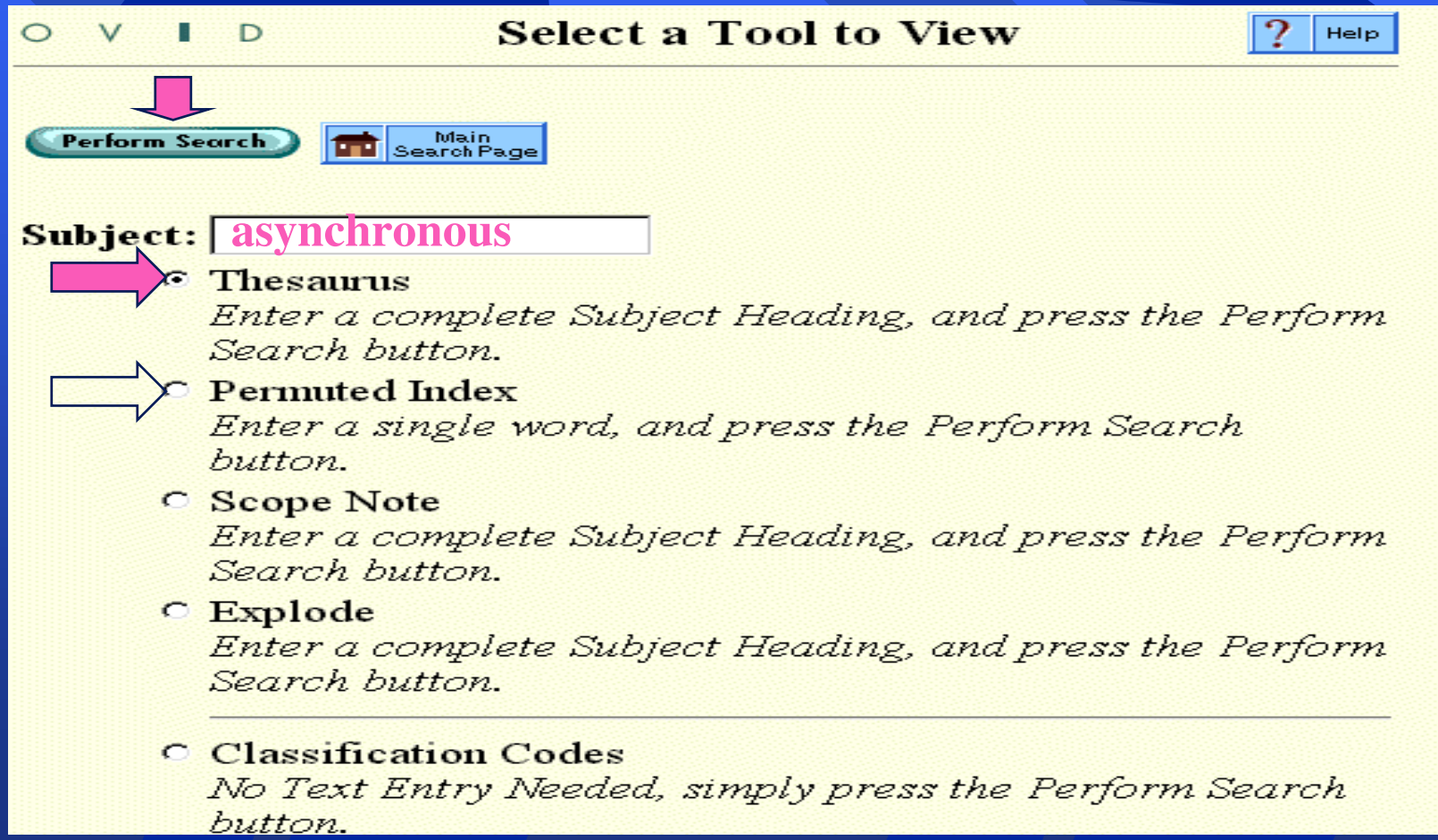
Results of your search: **from 1 [asynchronous motor?.mp. [mp=title, abstract, subject heading words]] keep 1**
Citations available: **1**
Citation displayed: **1**
Citation 1.
Accession Number
006551674
Institution
Inst. d'Electron., Univ. Mentouri, Constantine, Algeri
Title
Identification and control of an **asynchronous** machi
Source
ICECS'99. Proceedings of ICECS '99. 6th IEEE International Conference on Electronics, Circuits and Systems (Cat. No.99EX357). IEEE. Part vol.2, 1999, pp.1043-6 vol.2. Piscataway, NJ, USA.
Abstract
In this work, we present the applicati artificial neural networks to the identification and control of the **asynchronous motor**, which is a c plex nonlinear system with variable internal dynamics. We show that neural networks can be applie control the statoric currents of the induction **motor**. The results of the different simulations are presented valuate the performance of the neural controller proposed. (18 References).
Subject Headings
Identification. Induction motors. Machine control. Neurocontrollers. Nonlinear control systems.
Key Phrase Identifiers
asynchronous machine; artificial neural networks; identification; **motor** control; complex nonlinear system; variable internal dynamics; statoric currents; neural controller.
Publication Type
Conference Paper.

1. Examine Subject Headings field
2. Click the Subject Heading link
   OR
3. Examine the Subject Heading via Tools - Thesaurus and then search

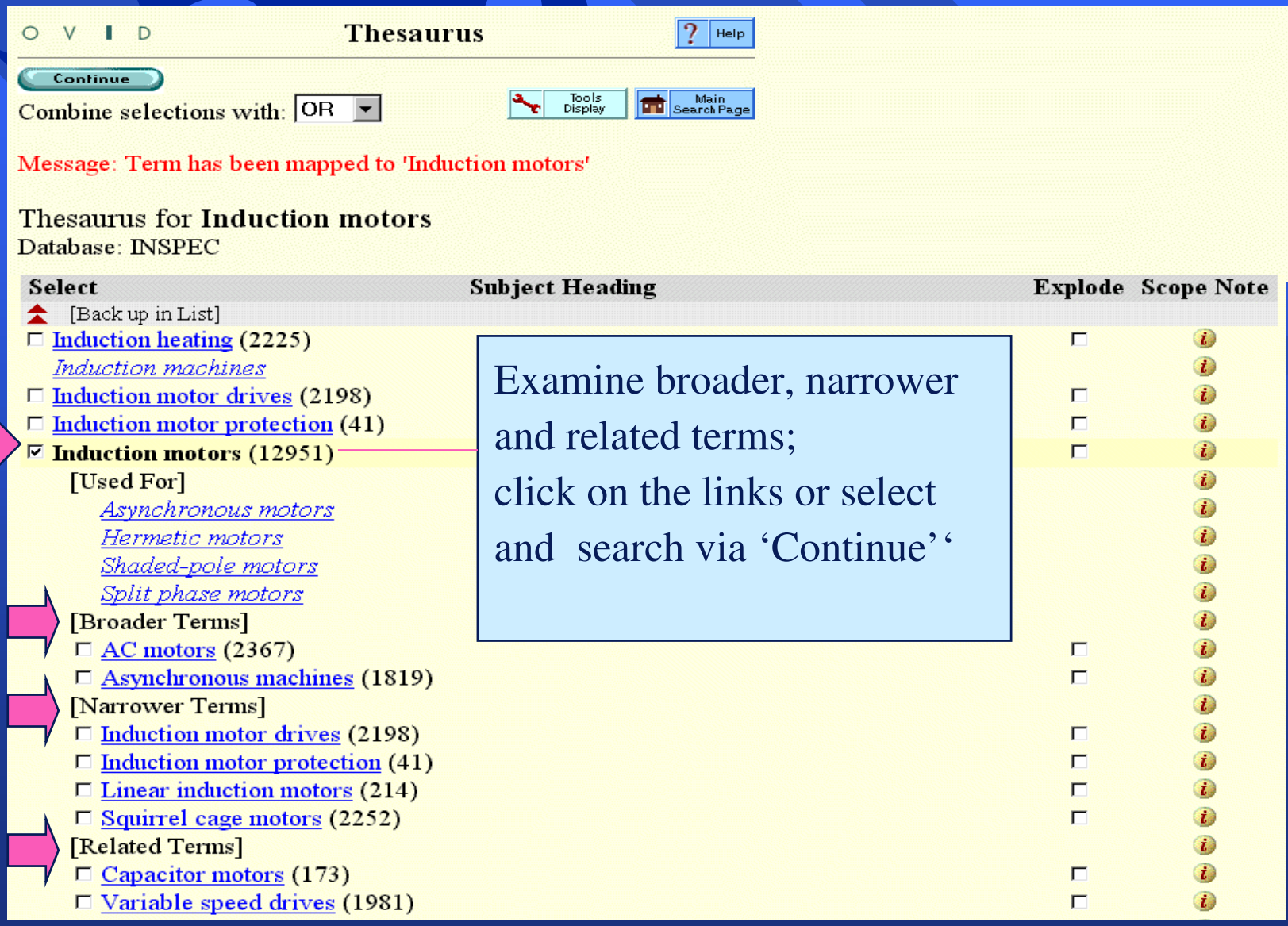
1

2

Subject Headings via Tools

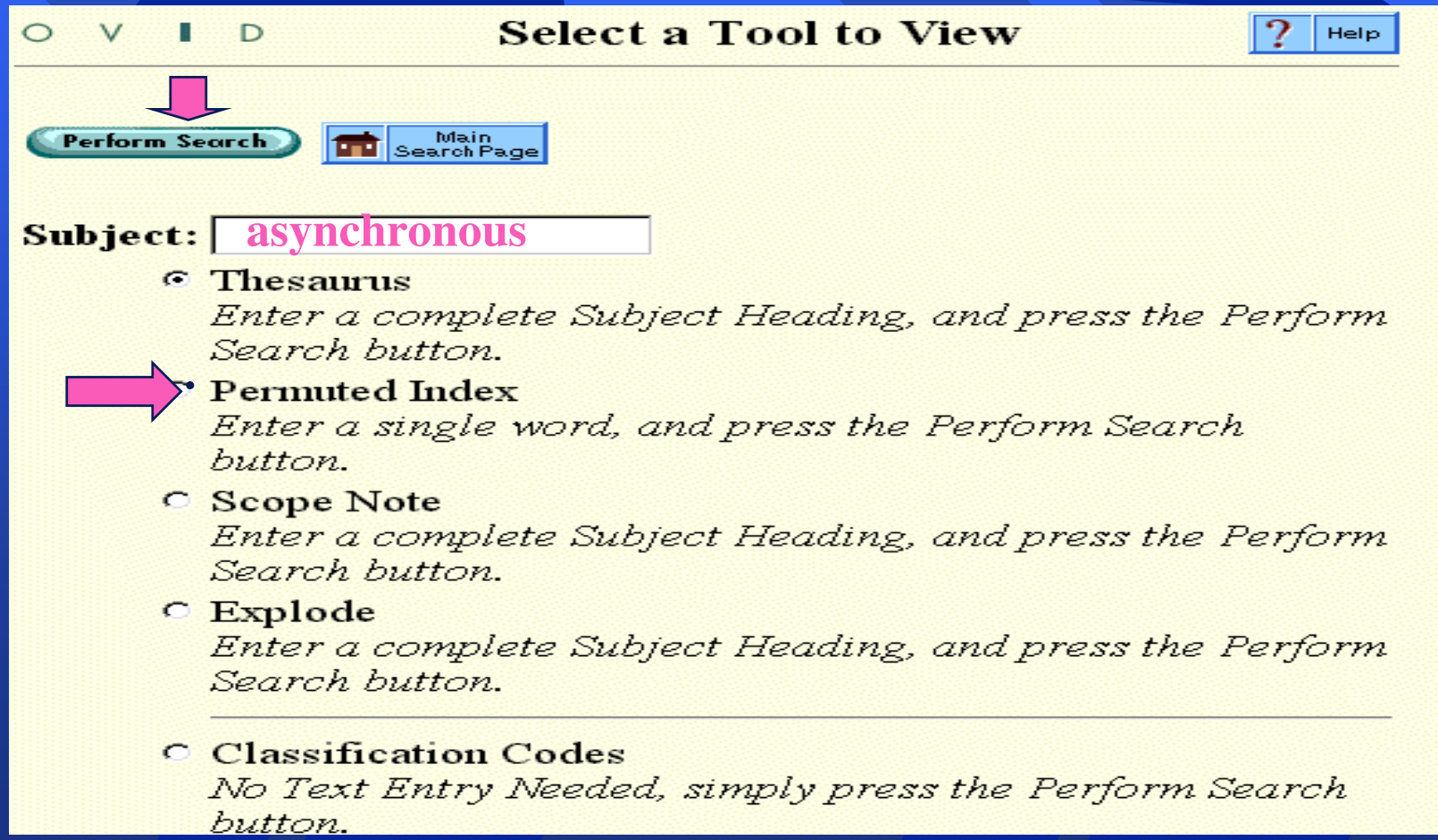


Explore Subject Headings via Thesaurus

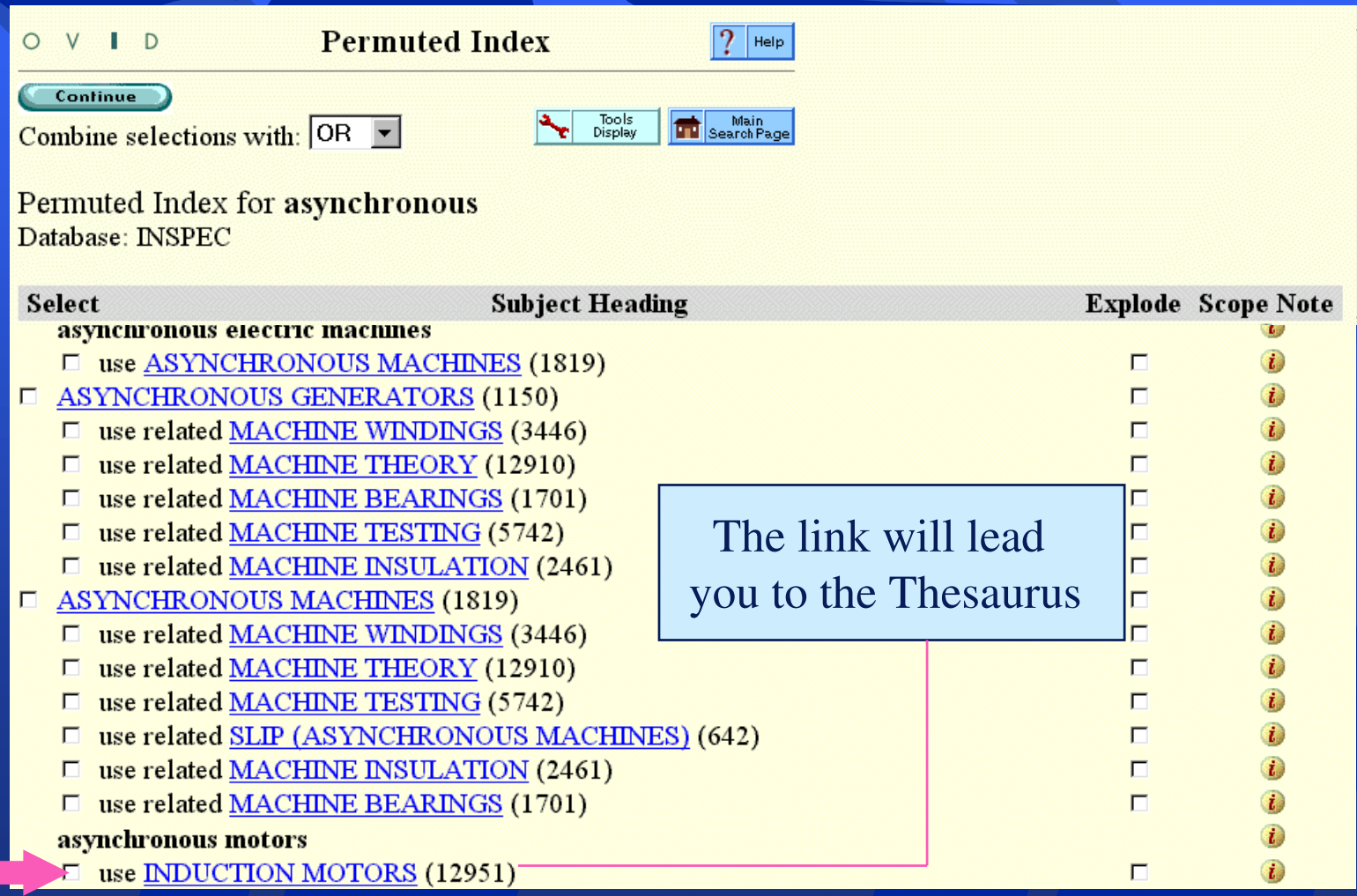


Examine broader, narrower and related terms;
click on the links or select and search via 'Continue''

Subject Headings via Permuted Index

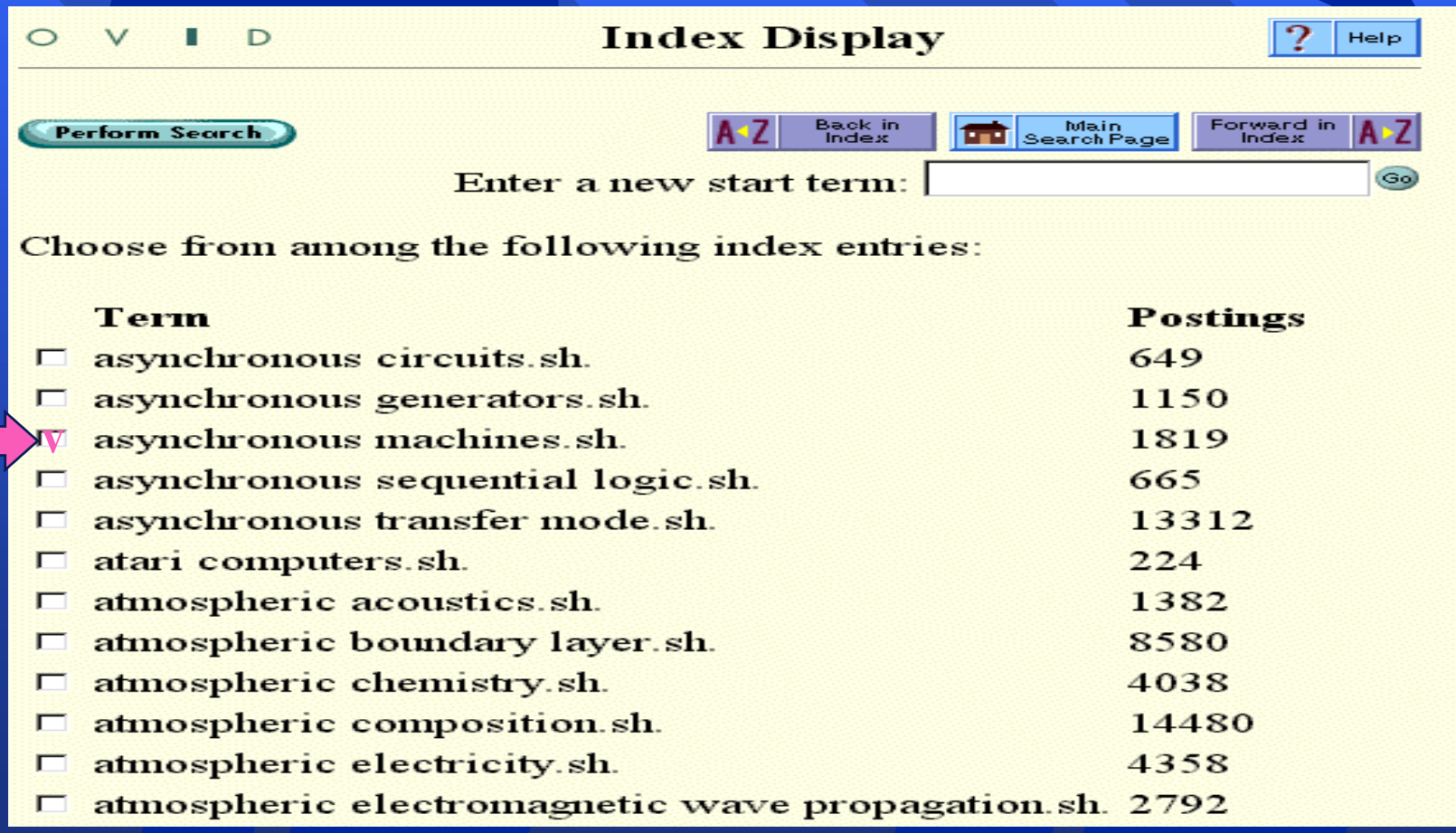


Subject Headings via Permuted Index



Subject Headings via Indexes

Select Subject Headings



Classification Subfiles

A - Physics

B - Electrical & Electronics

C - Computers & Control

D - Information Technology

Classification Codes - B subfile

B0 General, engineering maths & materials science
B1 Circuit theory, circuits
B2 Components, electron devices & materials
B3 Magnetic & superconducting materials & devices
B4 Optical materials & applications, optoelectronics
B5 Electromagnetic fields
B6 Communications
B7 Instrumentation & special applications
B8 Power systems & applications

Classification Codes - B76 subsection

B7000	**Instrumentation and special applications**
.....	.....
.B7600	**Aerospace facilities and techniques**
..B7610	General aspects of aircraft, space vehicles/satellites
..B7620	Aerospace test facilities and simulation
..B7630	Aerospace instrumentation
...B7630A	Avionics
...B7630B	Power supplies
...B7630D	Space vehicle electronics
..B7640	Aerospace propulsion
..B7650	Ground support systems
...B7650C	Air traffic control
...B7650E	Space ground support centres
.B7700	**Earth sciences**

Classification Codes Structure

B7630A

B	Electrical & Electronic Engineering
B7	Instrumentation & Special Applications
B76	Aerospace facilities & Techniques

B7630	Aerospace Instrumentation
B7630A	Avionics

Notes:
1. Classification codes can be searched at any of the above level
2. Truncation must be used at the five-digit level

Finding Classification Codes

1. Start with a trial search and examine Classification Codes field
2. Browse through the Thesaurus Term(s)
3. Browse through printed INSPEC Classification

Note: You can use three-digit classification given in your Workbook!

Using Classification Codes - Example 1

Search Topic: Algol - Variable Star
Algol - software

#	Search History		
1	algol.mp. and a97.cc. [mp=title, abstract, subject heading words]	664	Display
2	algol.mp. and c6140?.cc. [mp=title, abstract, subject heading words]	794	Display
3	1 and 2	0	

Navigate your search to the astronomical part of the Physics Section (A)

Navigate your search into the software part of the C section (Computer and Control)

Using Classification Codes - Example 2

Search Topic: Copyright 1/ Theoretical aspects
2/ Commercial aspects

#	Search History	Results	Display
1	copyright.mp. and c72.cc. [mp=title, abstract, subject heading words]	844	Display
2	copyright.mp. and d.cc. [mp=title, abstract, subject heading words]	98	Display
3	1 and 2	3	Display

C72 code navigates your search to Information Science Topics

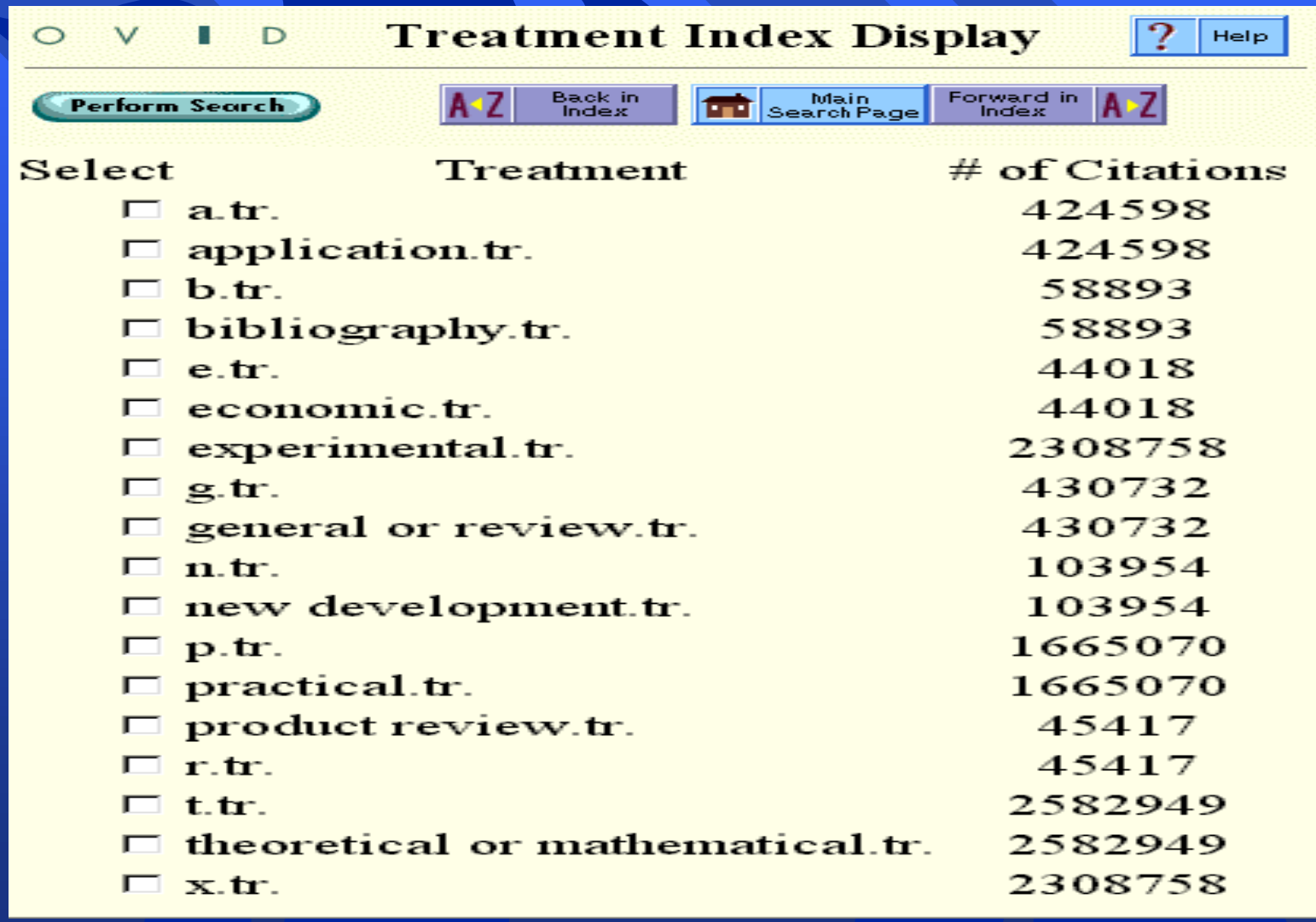
D code navigates your search to the 'Information Technology' section of the INSPEC Database

Classification Codes -Tips

- Use Classification Codes to navigate your search to the required subject area (Set context for general or common terms, e.g. data analysis, mathematics)

- Use narrow codes when searching repeatedly for very specific types of information e.g., B7630A for avionics

Treatment Index Display



Select	Treatment	# of Citations
☐	a.tr.	424598
☐	application.tr.	424598
☐	b.tr.	58893
☐	bibliography.tr.	58893
☐	e.tr.	44018
☐	economic.tr.	44018
☐	experimental.tr.	2308758
☐	g.tr.	430732
☐	general or review.tr.	430732
☐	n.tr.	103954
☐	new development.tr.	103954
☐	p.tr.	1665070
☐	practical.tr.	1665070
☐	product review.tr.	45417
☐	r.tr.	45417
☐	t.tr.	2582949
☐	theoretical or mathematical.tr.	2582949
☐	x.tr.	2308758

Treatment Codes TC

- Reflect the authors approach to the topic
  - theoretical, practical……..
- 9 codes are available
- Multiple treatment codes can be assigned
- Some records have none
- Treatment codes are subjective

Treatment Codes - Search Example

Search Topic: Multimedia - papers on communication aspects, with lots of references

b6 code is used to navigate the search to the communication aspects

#	Search History		
1	multimedia.mp. [mp=title, abstract, subject heading words]	31299	Display
2	multimedia.mp. and b6.cc. [mp=title, abstract, subject heading words]	16532	Display
3	bibliography.tr.	61455	Display
4	2 and 3	94	Display

'Bibliography' Treatment Code retrieves records that originate from articles with 50 or more Citations

Treatment Codes Example

☐ **Citation** 1.
Link to... Abstract

Accession Number
006900421
Author
Ishibashi Y. Tasaka S.
Institution
Dept. of Electr. & Comput. Eng., Nagoya Inst. of Technol., Japan.
Title
A comparative survey of synchronization algorithms for continuous media in network environments.
Source
Proceedings 25th Annual IEEE Conference on Local Computer Networks. LCN 2000. IEEE Comput. Soc. 2000, pp.337-48. Los Alamitos, CA, USA.
Country of Publication
USA.
Conference Information
Proceedings 25th Annual IEEE Conference on Local Computer Networks. LCN 2000. Tampa, FL, USA. IEEE Comput. Soc. IEEE Comput. Soc. Tech. Committee on Comput. Commun. GTE. PARADYNE. Univ. South Florida. 8-10 Nov. 2000.
Abstract
This paper makes a survey of algorithms proposed for continuous media synchronization in network environments. We classify media synchronization control techniques used in the algorithms into four categories: basic control, preventive control, reactive control and common control. We also pick four representatives from among the media synchronization algorithms and give outlines of them in order to explain how the techniques are employed in each algorithm. Furthermore, we make a comparison among 38 algorithms in terms of factors such as clocks, advance information on network delay bounds and synchronization control techniques, which determine the design of each algorithm. (93 References)

The number of citations is indicated at the end of the abstracts

Treatment Codes - Search Example

Search Topic: Multimedia - Product Information

Articles on multimedia hardware are retrieved

#	Search History	Results	Display
1	multimedia.mp. and c5.cc. [mp=title, abstract, subject heading words]	11771	Display
2	product review.tr.	46274	Display
3	1 and 2	257	Display

'Product Review' Treatment Code finds papers on specific product models

Treatment Codes Example - Titles

Results of your search: **1 and 2**
Citations displayed: **1-10** of **257**
Go to Record: 1 Go

Citation Manager • Help • Logoff

Customize Display | Reset Display

1. Sauer J. Corporate DVD authoring: the software roundup. [Journal Paper] *E Media, vol.14, no.2, Feb. 2001, pp.46-53. Publisher: Online Inc, USA.*

Abstract • Complete Reference

2. Tanaka S. 160 MIPS high performance and low power DSP for **multimedia**. [Journal Paper] *NEC Research & Development, vol.41, no.3, July 2000, pp.274-7. Publisher: NEC Creative, Japan.*

3. Bursky D. Two-chip modem delivers low-cost remote access. [Journal Paper] *Electro... Publisher: Penton Publishing, USA.*

Abstract • Complete Reference

4. Ebihara T. Development of a next-generation ATM terminal (NBA). [Journal Paper] *NEC Research & Development, vol.41, no.2, April 2000, pp.218-21. Publisher: NEC Creative, Japan.*

Abstract • Complete Reference

5. Basoglu C, Woobin Lee, O'Donnell JS. The MAP1000A VLIW mediaprocesso... [Journal Paper] *IEEE Micro, vol.20, no.2, March-April 2000, pp.48-59. Publisher: IEEE, USA.*

Abstract • Complete Reference

6. Hascher W. High-speed data handling with a chip. New communications processor for high speed data, video and speech transmission via xDSL protocols. [Journal Paper] *Elektronik, vol.48, no.22, 2 Nov. 1999, pp.58-63. Publisher: WEKA-Fachzeitschriften, Germany.*

Abstract • Complete Reference

The papers often include information on specific models

Chemical Indexing .ch.

- Controlled indexing for inorganic compounds and systems
- Applied to records from 1987-

Chemicals in Identifiers

Problems:

- CO vs Co ? (also co-ordinated……)
- Semiconductor materials - many variations of the same compound, e.g. gallium aluminium arsenides
  - GaAlAs
  - AlGaAs
  - $Al_xGa_{1-x}As$
  - $(GaAs)_{0.5}(AlAs)_{0.5}$

Chemicals in Descriptors

Imprecise:

- Thesaurus terms, e.g.

  vanadium / vanadium alloys / vanadium compounds

- Cannot distinguish
  - vanadium trioxide *from* vanadium pentoxide
  - sodium chloride *from* sodium bromide *plus* potassium chloride

Chemical Indexing Roles

Basic roles

- el element
- bin binary system
- ss 3 or more components

Additional roles

- dop dopant
- int interface
- sur surface/substrate
- ads adsorbate

Examples of Chemical Indexing

- Co/el
- CO/bin C/bin O/bin
- V2O3/bin V2/bin O3/bin V/bin O/bin
- V2O5/bin V2/bin O5/bin V/bin O/bin
- H2SO4/ss H2/ss SO4/ss H/ss S/ss O4/ss O/ss

Chemicals - searching

Search format:

substance *(adjacent)* role *(subfield)*
substance *(adjacent)* role ....

Examples:

H_2SO_4	h2so4-ss.*ch*.
He-Ne	he-bin *adj10* ne-bin.*ch*.
GaAlAs	ga-ss *adj10* al-ss *adj10* as-ss.*ch*.

Numeric Data .nd.

- Controlled Indexing System for Numerical Data
- Applied to Records from 1987 Forward
- Designed to Solve Specific Problems with Free Text Numeric Searching

Numeric Data .nd.

Problems with

- Variations in quantities

  velocity, speed

- Variations in units

  C, Celsius, °C, K, Kelvin, F. ...

- Variations in values

  27,500 kW 27.5 MW 2.75 E07 W

Numeric Data Format

temperature of 100ºC (=373K)

From Numerical Thesaurus

quantity	value	unit
temperature	3.73E+02	K

Exponential (Floating) notation
(Explained in the Numerical Thesaurus)

Numeric Data Format

frequency range of 5 to 7 GHz

From Numerical Thesaurus

quantity	value to value	unit
frequency	5.0E+09 to 7.0E+09	Hz

Exponential (Floating) notation

Exponential (Floating Point) Notation

- Notation Especially Helpful for Very Large and Very Small Numbers:

1,952,000,000,000 = 1.952E+12

0.000000000753 = 7.53E-10

Numeric Data Search Examples

- Length of 50 m
  - size *adj10* "5.0e+01" *.nd.*
- Wavelength of 1.06 µ
  - wavelength *adj10* "1.06e-06" *.nd.*
- Temperature range of 0 to 100 ºC
  - temperature *adj10* "2.73 e+02" *adj10* "3.73 e+02".nd.

Multiplying prefixes

Prefix	Abbrev.	Factor
exa	E	10^{18}
.....	.....	.....
giga	G	10^{9}
mega	M	10^{6}
kilo	k	10^{3}
.....	.....	.....
milli	m	10^{-3}
micro	mu	10^{-6}
.....	.....	.....
atto	a	10^{-18}

Numeric Data Indexing Thesaurus

temperature: K (kelvin)

C use K [K = C + 273.15]

degK use K

degC use K [K = degC + 273.15]

degF use K [K = (degF + 459.67) * 0.5555556]

F use K [K = (F + 459.67) * 0.5555556]

thickness use size

Numeric Data Indexing Thesaurus

Is available from the IEE Website on

http:// www.iee.org.uk/publish/inspec/docs/ndithes.pdf

IEE Publishing and Information Services

Bibliographic Indexes

Author	au
Corporate author	ca
Institution	in
Country of Publication	cp
Language	lg
Publication type	pt
Journal Name	jn
Conference Information	cf
Accession number	an
CODEN/ISSN/ISBN	cd/is/ib

Author .au.

All are included
Format is standardised *on O V I D*

Frey D.R.	frey dr
Dornberger, J.F., Jr	dornberger jf jr
Privorotskii, I.V.	privorotskii iv
Muller, G.	muller g
Van der Hart, W.F.M.	van der hart wfm
Lee Fo Long	lee fo long
Chon Yu-Taik	chon yu taik

Search example: frey dr.au.
Search tip: use index screen to browse

Institution in Corporate Author ca

- Affiliation is given for the first named author only
- Abbreviations are used (e.g., Co., Inc. Corp., Univ.)
- Includes city, state, and country of institution (country name is standardized throughout)

Institution in Corporate Author ca

- ***Included for the first author only***

Example:

Nat. Phys. Lab., Teddington, UK

Nat. Phys. Labs., Teddington, UK

National Phys. Lab., Teddington, UK

Div. of Electr. Sci., NPL, Teddington, UK

Search tip: Use the name of the town in your search

Country of Publication .cp.

All are searchable, e.g.

uk.cp.

usa.cp.

hungary.cp.

Search tips:

- *This field is standardised*
- *Use Search Fields/Indexes to browse the list of countries*

Language .lg.

All are searchable, e.g.

hungarian.lg.

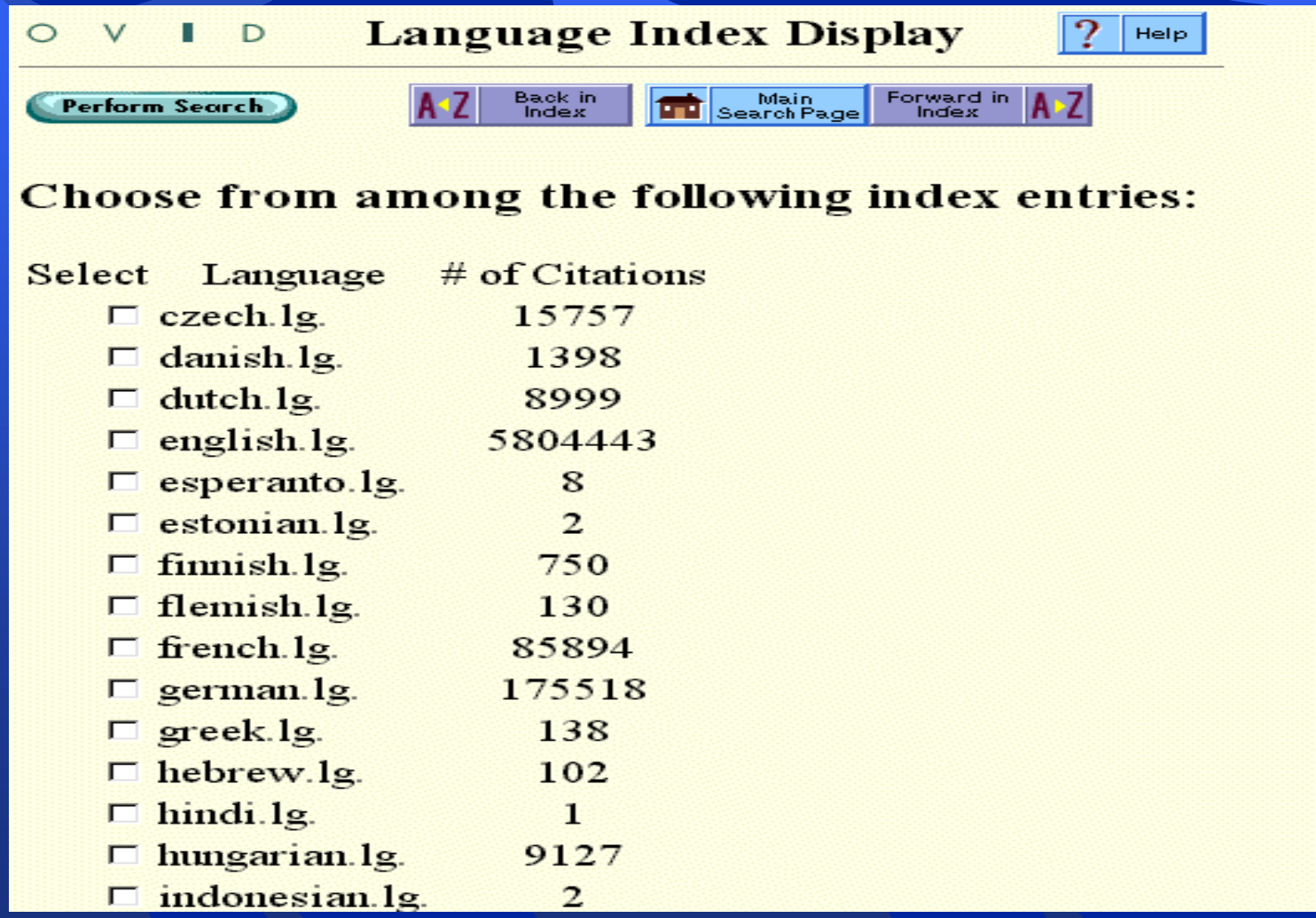
russian.lg.

french.lg.

Search tips:

- *Limit to any language via pull-down menu*
- *Limit to English via Check-box on Search Screen*
- *Browse Language Index via Search Fields*

Language Index .lg.



OVID Language Index Display

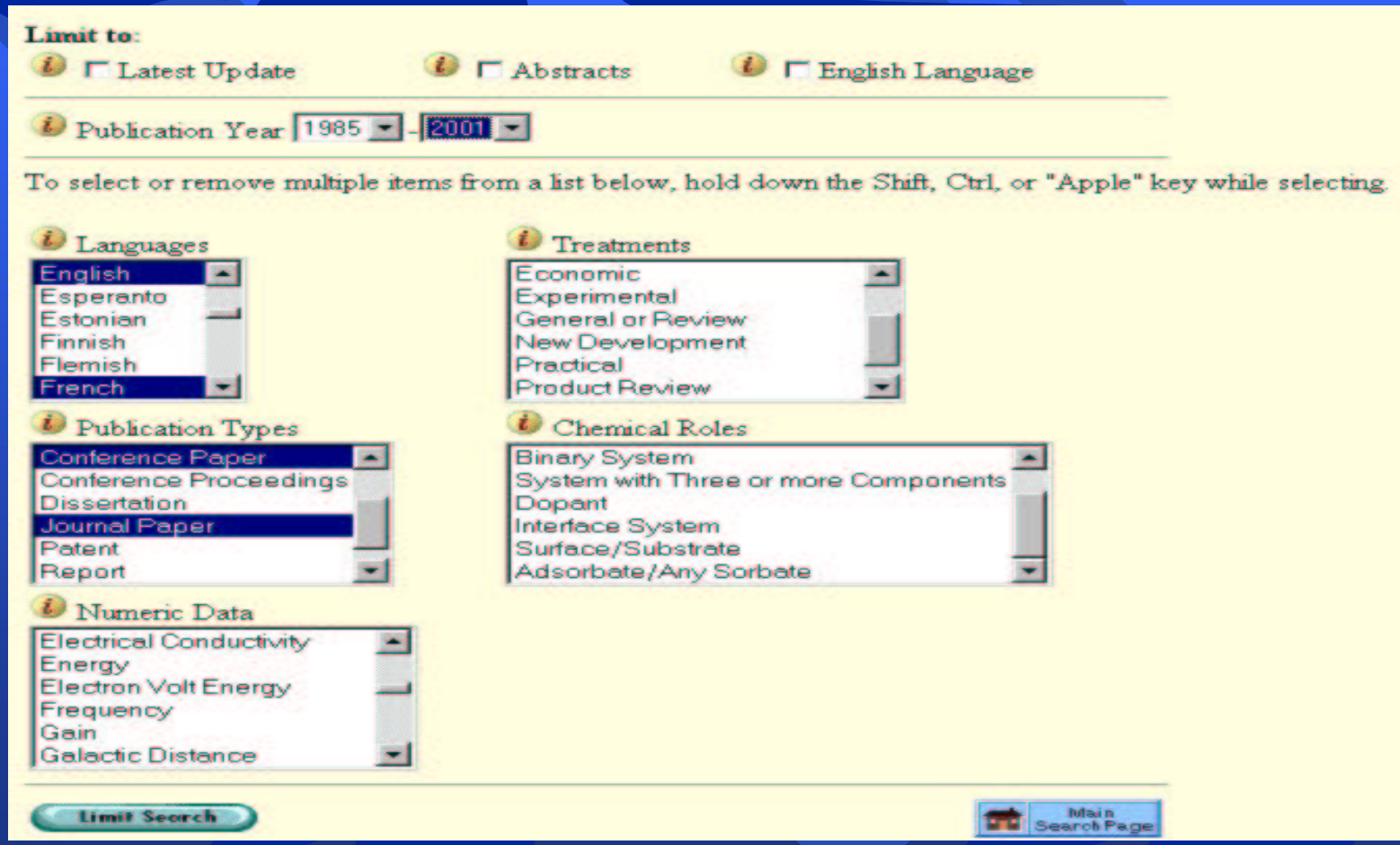
? Help

Perform Search | A◂Z Back in Index | Main Search Page | Forward in Index A▸Z

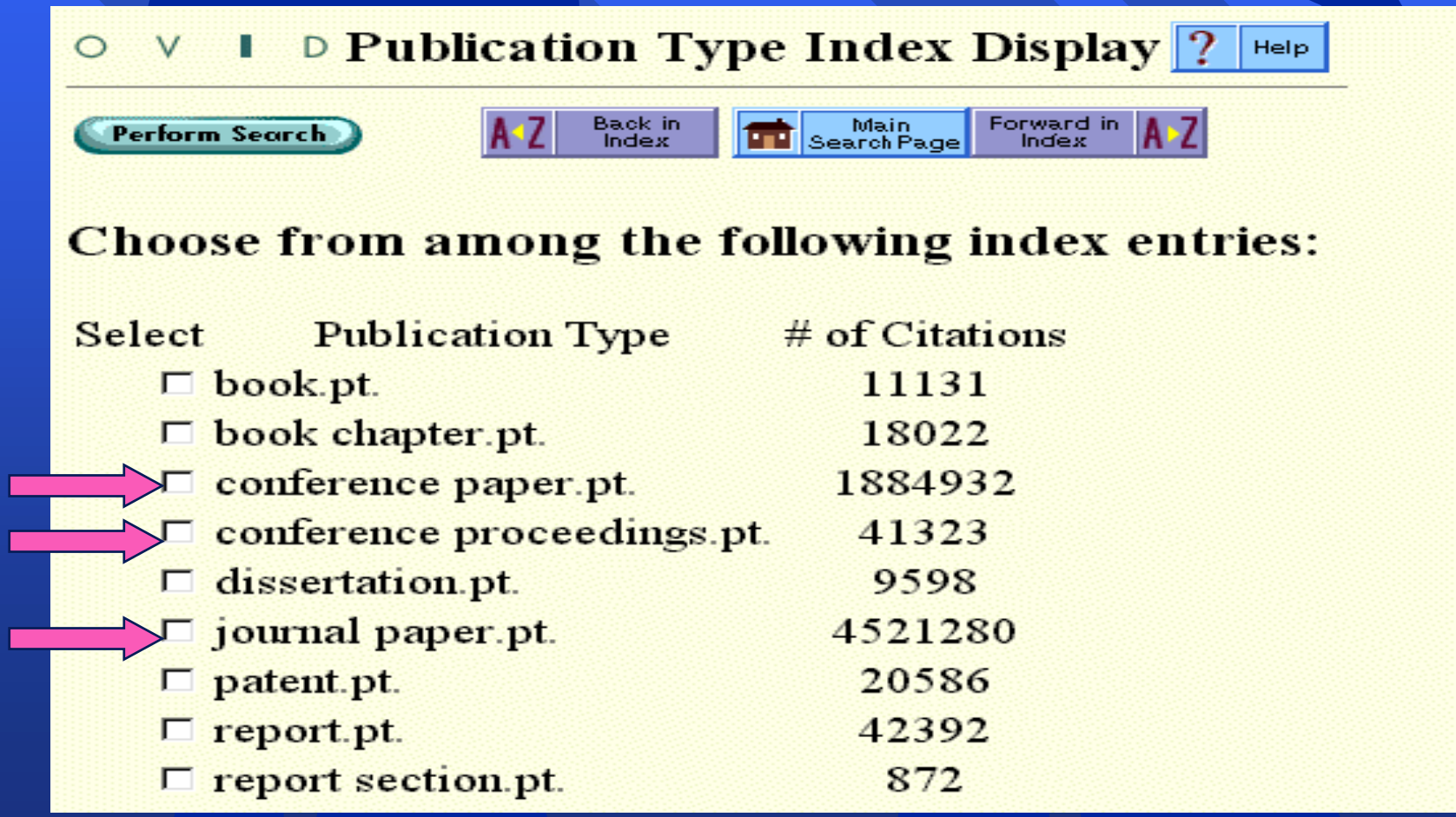
Choose from among the following index entries:

Select	Language	# of Citations
☐	czech.lg.	15757
☐	danish.lg.	1398
☐	dutch.lg.	8999
☐	english.lg.	5804443
☐	esperanto.lg.	8
☐	estonian.lg.	2
☐	finnish.lg.	750
☐	flemish.lg.	130
☐	french.lg.	85894
☐	german.lg.	175518
☐	greek.lg.	138
☐	hebrew.lg.	102
☐	hindi.lg.	1
☐	hungarian.lg.	9127
☐	indonesian.lg.	2

Limit facilities



Publication Type Index



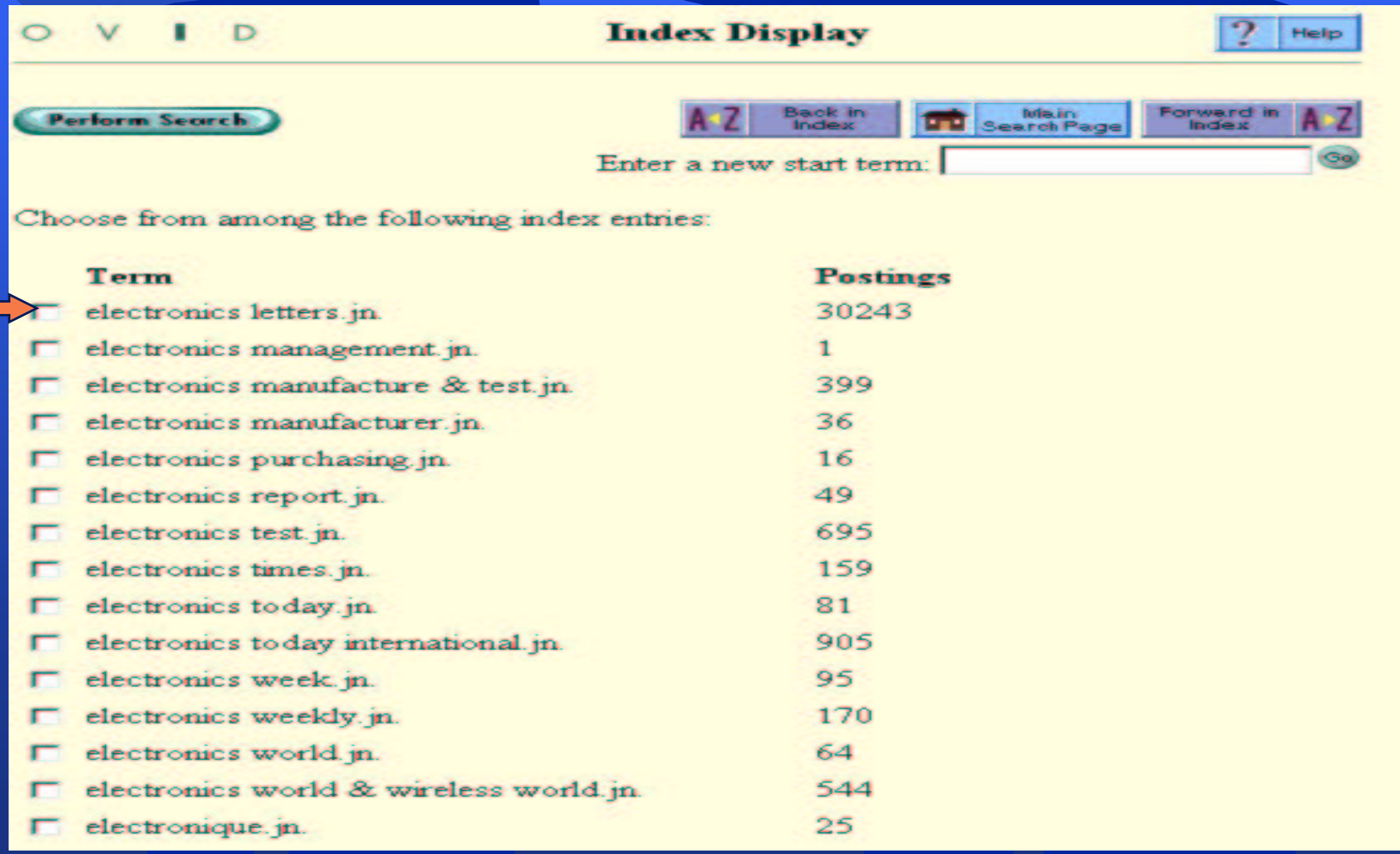
Journal Name jn
Journal Word jw

- Browse through the Journal Name Index via Search Fields
- Search Journal Word Index in Command Line using adjacency operators
- Use Coden or ISSN if known

Search tip:
Coden and ISSN can change over the years

Journal Index Display

Search Topic: Electronics Letters



Conference Field .cf.

Use cf field to search for

- Conference Title optic?.cf.
- Conference Location Amsterdam.cf.
- Conference Year 1998.cf.

Conference Proceedings Records

Use ‘Conference Proceedings’ publication type:

- to identify meetings
- to find out the main topics of the meeting(s)

Notes:

- *Conference Proceedings records have full bibliographic details*
- *The Abstract reflects the main topics of the Conference meeting and has the format ‘The following topics are dealt with:...*

Conference Search Example

Search Topic: Conference meetings on the topic of 'induction motors' sponsored by IEE

#	Search History	Results	Display
1	induction motors.sh.	12944	Display
2	"conference proceedings".pt.	41323	Display
3	1 and 2	74	Display
4	3 and iee.cf.	14	Display

Accession Number
003178624

Title
Electric Energy **Conference** 1987. An International **Conference** on Electrical Machines and Drives.

Source
Instn. Eng. Australia. Sept. 1987, pp.2 vol. 723. Barton, ACT, Australia.

Conference Information
Adelaide, SA, Australia. Instn. Eng. Australia. Instn. Radio Electron. Eng. Australia. **IEE**. **IEEE**. 6-9 Oct. 1987.

Abstract
The following topics were dealt with: AC drives; DC drives; synchronous **motors**; squirrel cage **motors**; **induction motors**; DC **motors**; inverter fed **motors**; permanent magnet **motors**; machine theory; linear **motors**; machine testing; electric vehicles; and computer control of electric machines. Abstracts of individual papers can be found under the relevant classification codes in this or other issues.

Abstract is always in the format 'The following topics were dealt with….'

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10. Search Tools - Explore Thesaurus and Classification
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