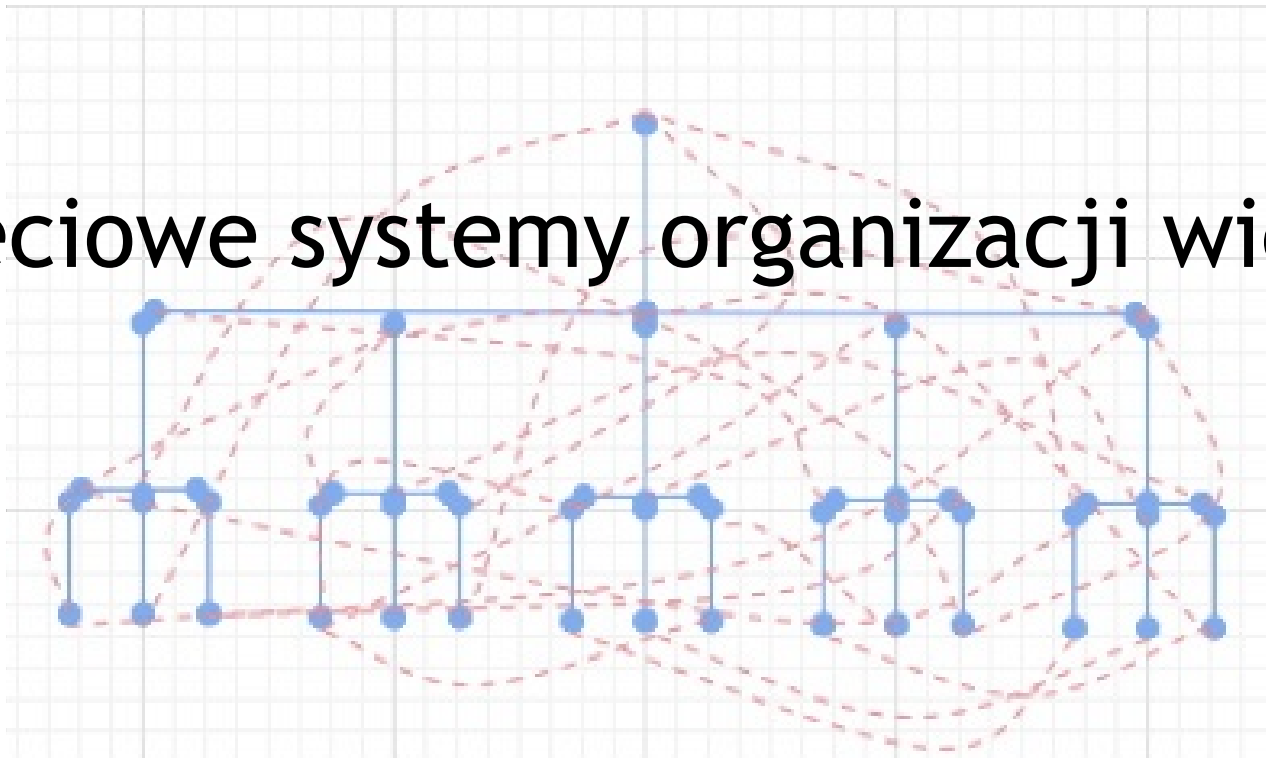


„Everything is miscellaneous”
David Weinberger

Sieciowe systemy organizacji wiedzy



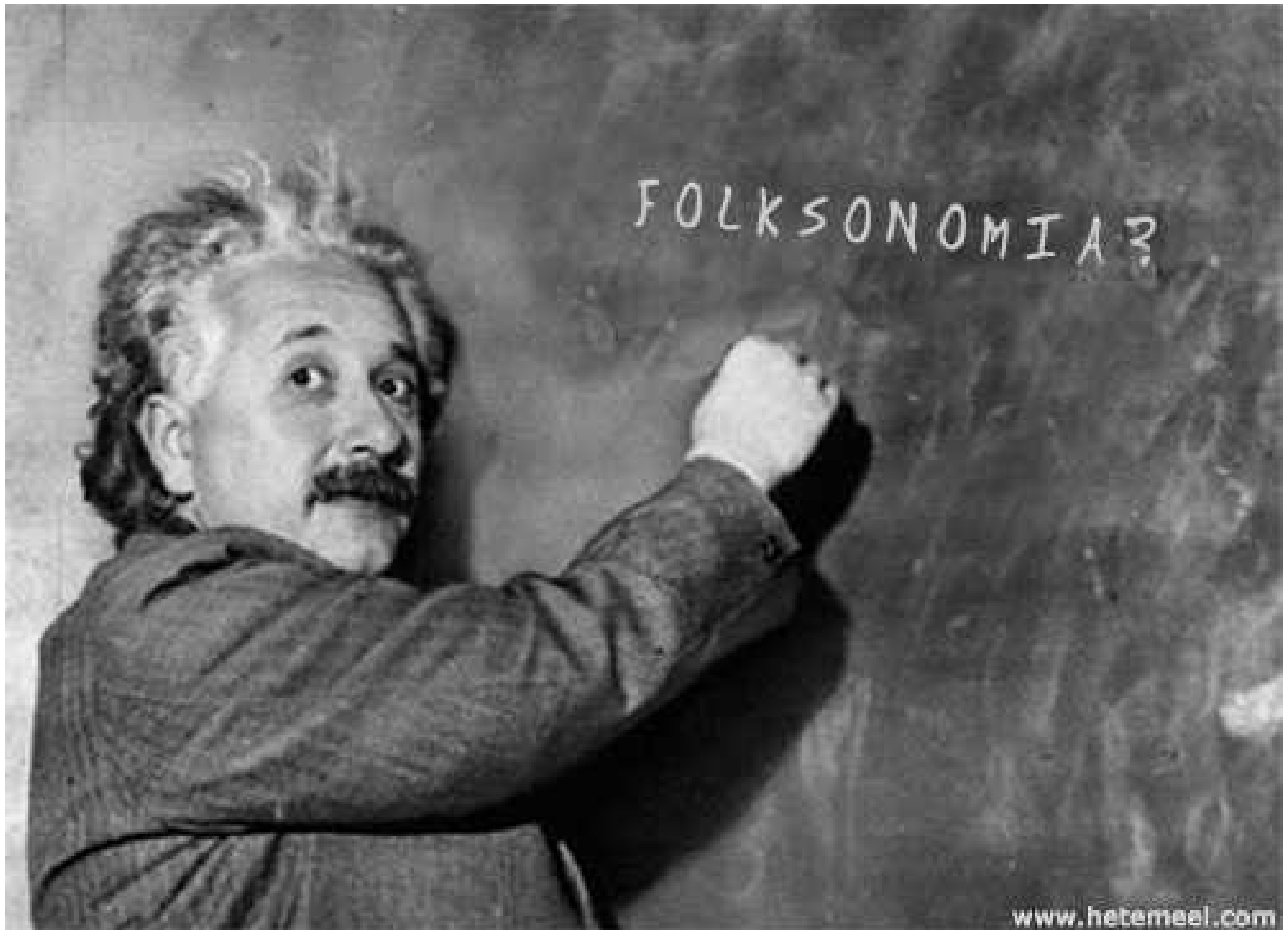
Charakterystyka

- ✓ Wywodzą się bezpośrednio z **tradycyjnych** systemów organizacji wiedzy
- ✓ Narzędzia porządkowania wiedzy o różnym stopniu formalizacji
- ✓ Mapy semantyczne zagnieżdżone w strukturach serwisów i systemów internetowych

Sieciowe systemy organizacji wiedzy - typologia

- ✓ listy terminów,
 - kartoteki wzorcowe, słowniki, glossariusze
- ✓ klasyfikacje, kategoryzacje i taksonomie,
 - hasła przedmiotowe
- ✓ listy relacyjne
 - tezaury, ontologie, sieci semantyczne

Folksonomia



Płaszczyzny analizy

Hindex:

if you write 1 paper per year, every year

if each paper gets 2 reference per year, each year after the 1st year (when you get no refs)

year 1
1 paper
w/ 0 refs

year 2
1 paper
w/ 1 ref

year 3
1 paper
w/ 2 refs

year 4
1 paper
w/ 3 refs

year 5
1 paper
w/ 4 refs

year 6
1 paper
w/ 5 refs

H = 2

1 paper w/ 0 refs
H = 1

1 paper w/ 1 ref
2. 1 paper w/ 2 refs
H = 2

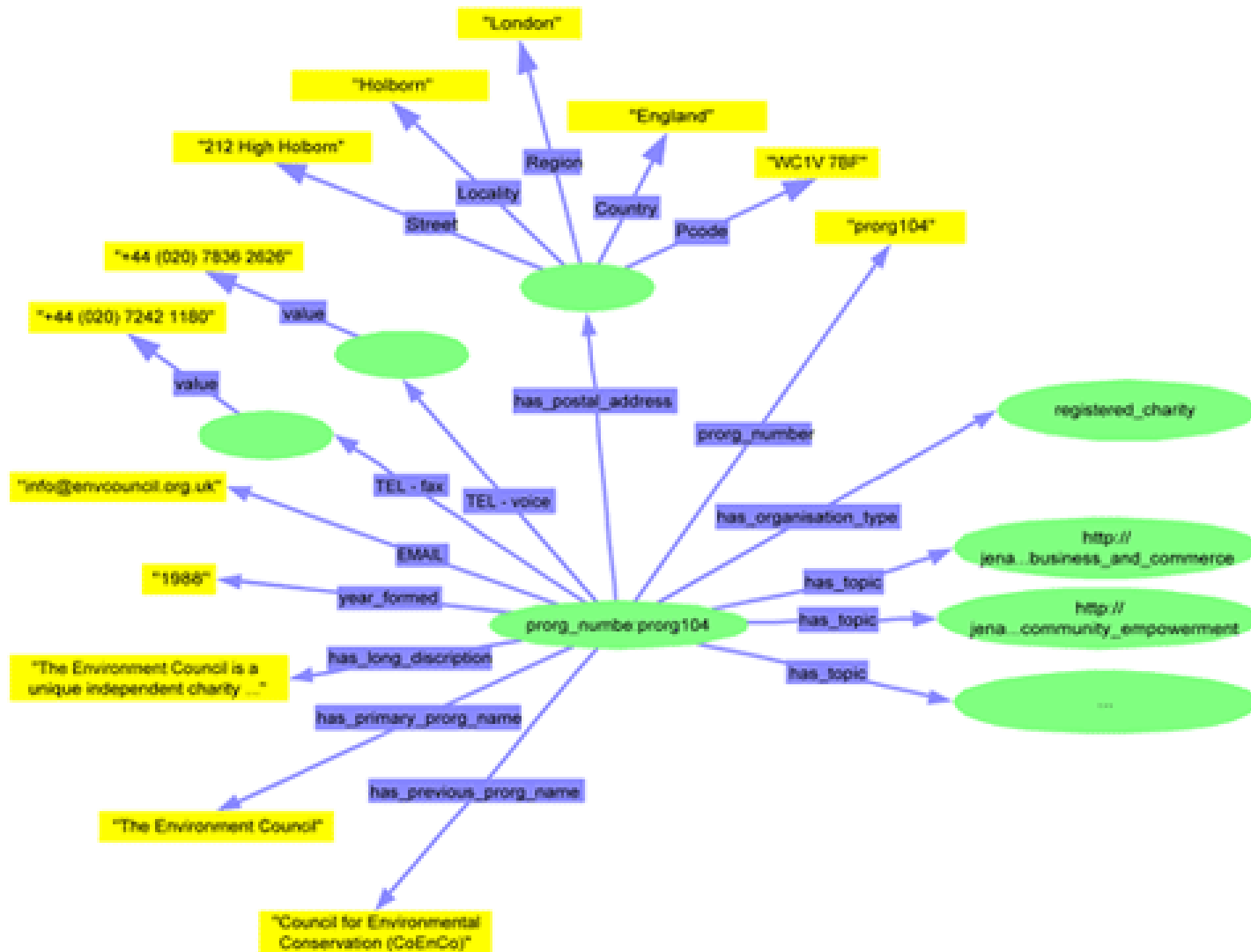
1 paper w/ 2 refs
2. 1 paper w/ 3 refs
3. 1 paper w/ 4 refs
4. 1 paper w/ 5 refs
5. 1 paper w/ 0 refs
H = 2

1 paper w/ 3 refs
2. 1 paper w/ 4 refs
3. 1 paper w/ 5 refs
4. 1 paper w/ 2 refs
5. 1 paper w/ 1 ref
6. 1 paper w/ 0 refs
H = 3

✓ poziom konceptualizacji,
✓ poziom modelowania formalnego
✓ wizualizacja

so, it appears you get
a linear relation, but
of the form

Konceptualizacja



Modelowanie formalne

```
<rdf:RDF
  xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:skos="http://www.w3.org/2004/02/skos/core#">

  <skos:Concept rdf:about="http://www.my.com/#canals">
    <skos:definition>A feature type category for places
      such as the Erie Canal</skos:definition>
    <skos:prefLabel>canals</skos:prefLabel>
    <skos:altLabel>canal bends</skos:altLabel>
    <skos:altLabel>canalized streams</skos:altLabel>
    <skos:altLabel>ditch mouths</skos:altLabel>
    <skos:altLabel>ditches</skos:altLabel>
    <skos:altLabel>drainage canals</skos:altLabel>
    <skos:altLabel>drainage ditches</skos:altLabel>
    <skos:broader
rdf:resource="http://www.my.com/#hydrographic%20structures"/>
    <skos:related rdf:resource="http://www.my.com/#channels"/>
    <skos:related rdf:resource="http://www.my.com/#locks"/>
    <skos:related </skos:Concept>
  </rdf:RDF>
```

Simple Knowledge Organisation Systems (SKOS)

Wizualizacja - systemy etykietowania i nawigacji

Wolfram **MathWorld** the web's most extensive mathematics resource

Search Site

Built with *Mathematica* Technology



Algebra
Applied Mathematics
Calculus and Analysis
Discrete Mathematics
Foundations of Mathematics
Geometry
History and Terminology
Number Theory
Probability and Statistics
Recreational Mathematics
Topology

Alphabetical Index
Interactive Entries
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About *MathWorld*
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Last updated:

12,704 entries
Sun Aug 26 2007

*Created, developed, and
nurtured by Eric Weisstein
at Wolfram Research*

Abstract Algebra

- General
- Group Theory
- Rings and Fields

Algebra

Analysis

- General
- Functional Analysis

Calculus I

Calculus II

Complex Analysis

Differential Equations

Differential Geometry

Discrete Mathematics

- General
- Combinatorics
- Graph Theory

Dynamical Systems

Geometry

- General
- High-Dimensional Solids
- Plane Geometry
- Polygons
- Solid Geometry

Linear Algebra

Multivariable Calculus

Number Theory

Pre-Algebra

Pre-Calculus

- General
- Complex Numbers
- Conic Sections
- Exponents and Logarithms
- Functions
- Vectors

Probability and Statistics

Theory of Computation

Topology

- General
- Point-Set Topology

Trigonometry

Pierścienie synonimów

- ✓ różne warianty terminów
- ✓ akronimy
PTIN - Polskie Towarzystwo Informacji Naukowej
- ✓ różna pisownia
William Shakespeare - Wiliam Szekspir
- ✓ termin naukowy v. potocznie stosowany
kwas acetylosalicylowy - aspiryna
- ✓ hiperonim - hiponim
- ✓ błędne formy
klasyfikacja - klsyfikacja

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mapa witryny dostępność kontakt

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leading & managing

partnering

asn

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szukaj

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2007-01-17



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- [Browse by level \(glossary\)](#) show ▼
- [Browse by keywords \(glossary\)](#) show ▼
- [Browse by mediator \(glossary\)](#) show ▼
- [Browse by beneficiary \(glossary\)](#) show ▼
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Type

- Activity 1195
- Artifact 1
- Best practice 7
- Catalog record 6
- Collection 266
- Curriculum 19
- Curriculum support 237
- Data set 6

Grade Level [6](#), [7](#), [8](#), [9](#), [10](#), [11](#), [12](#)

Stowaway Adventure: Real Time

Description	These six interdisciplinary activities in the Stowaway Adventure Project ask students to chart a course through various conditions that affect the ship's progress.
Medium	text/HTML
Type	Activity
Grade Level	6 , 7 , 8 , 9 , 10 , 11 , 12 , 5

Money In the Bank

Grade Level

- 1 804
- 10 1488
- 11 1446
- 12 1439
- 2 852
- 3 1069
- 4 1162
- 5 1428
- 6 1926
- 7 1929
- 8 2019
- 9 1602
- adult/continuing education 103
- all 20
- community college 190
- higher education 387
- kindergarten 540
- preschool education 242
- unspecified 177
- vocational education 50

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3998 items matching
subject is 'mathematics'

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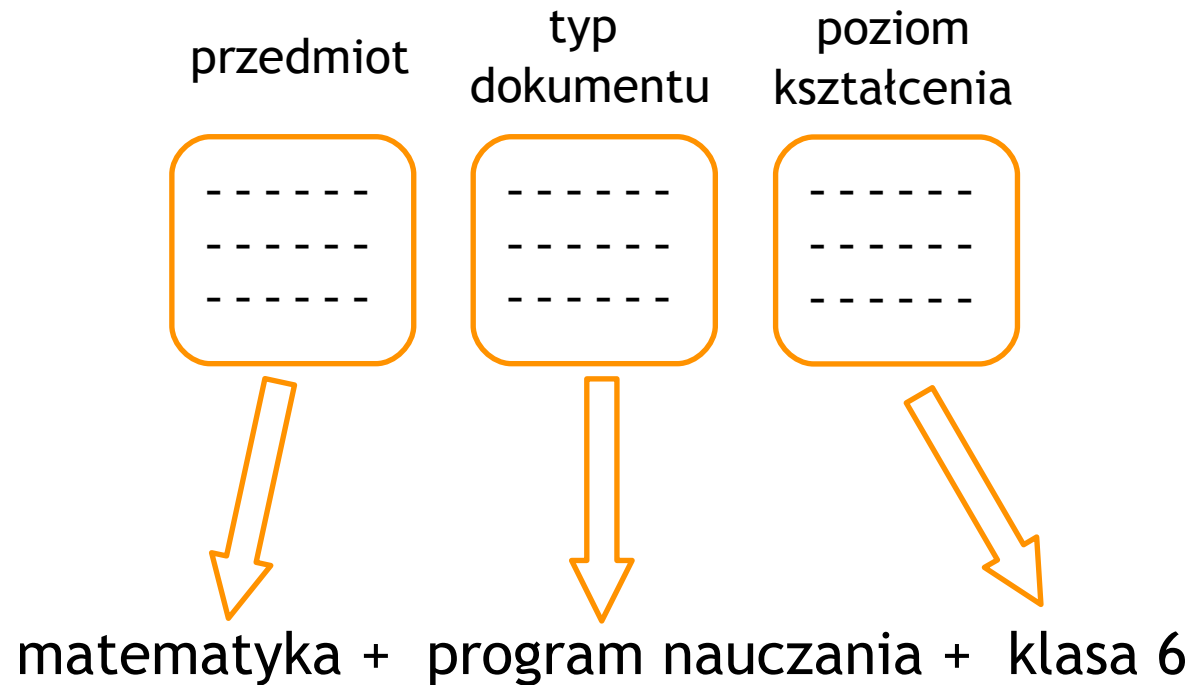
- Top Term
- arts 232
- educational technology 320
- foreign languages 87
- health 297
- language arts 538
- mathematics 3998



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Postkoordynacja na bazie siedmiu kategorii leksykalnych

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wiązanie relacją

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5 items in Results

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8 items matching

subject is 'mathematics'

type is 'Curriculum'

level is '6'

Refine by Subject

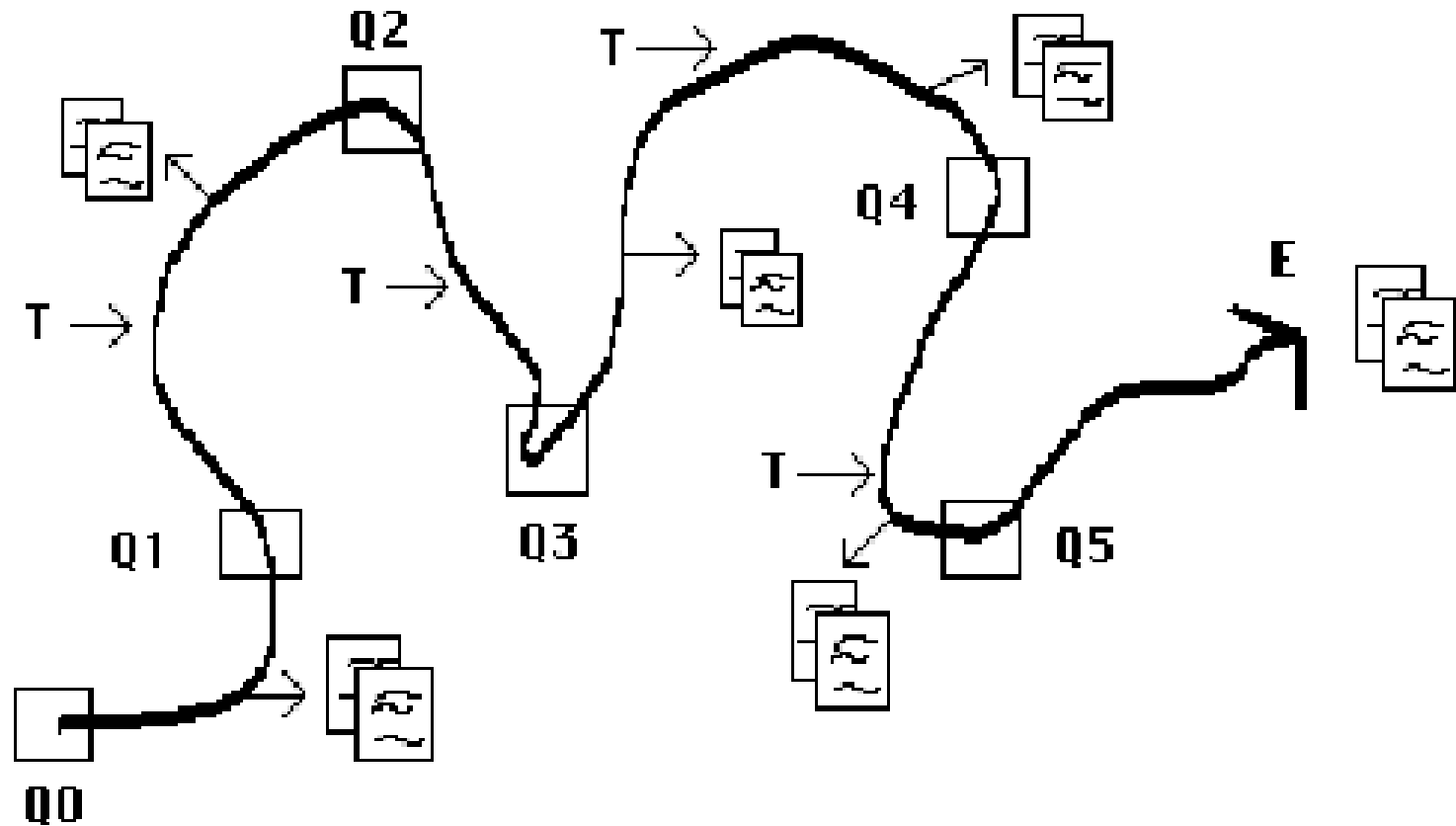
- Top Term
- arts 2
- educational technology 1
- foreign languages 1
- health 1
- language arts 5
- mathematics 8



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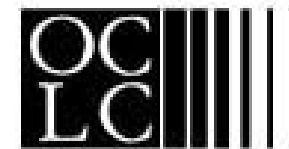
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BERRYPICKING - prof. Marcia Bates

Projekty badawcze

- ✓ rozszerzenie zasięgu stosowania systemów leksykalnych w środowisku webowym (np. poprzez tworzenie tablic przejścia pomiędzy konkretnymi JIW)
- ✓ identyfikacja nowych sposobów reprezentacji i dostępu do struktur wiedzy
- ✓ eksploracja nowych modeli systemów udostępniania i dystrybucji zasobów leksykalnych



Dziękuję za uwagę

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<http://www.biblioteka.aspt.pl/roszkowski>