

»Reveal Δ_x «!

Zu früheren Projekten der automatisierten Diskursanalyse

Bernhard Dotzler

**Eine Hypothese ist nur unter der Bedingung tauglich,
daß sie das beabsichtigte Ziel verfehlt,
um ein anderes, unbekanntes
zu erreichen.**

Siegfried Kracauer, *Ginster*

Weimar, 25.10.2018

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DER
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WordSmith Tools

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Windows software for finding word patterns

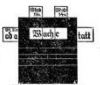
Published by [Lexical Analysis Software](#) and [Oxford University Press](#) since 1996

22nd
Year!

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Concord

... for finding all instances of a word or phrase.

KeyWords

... helps find salient words in a text or set of texts.

WordList

... lists the words in your text(s) in alphabetical and frequency order.

and a number of further Utility tools

or words to that effect.
or words to ditto ditto
or words spoken dire

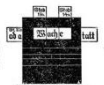
you could play on words keep using
essential focus on words and the word
given five sets of words, and asked
the beginnings of words, and the, the
about the kind of words you use. No
passage or set of words is assigned
big dictionary of words and synonym
ggins's choice of words in defeat. H
How what kind of words do you think
primarily men of words." To put it n
olicitor a form of words to cover you

fragment of concordance

The style of a discourse is the message carried by frequency-distributions and transitional probabilities of its linguistic features, especially as they differ from those of the same features in the language as a whole.

B. Bloch, Linguistic structure and linguistic analysis (1953),

**zit. n. Werner Müller, Textklassifikation und Stilanalyse.
Gedanken zur automatischen Beschreibung eines
Produktes und seines Produktionsprozesses (1972)**



A Mathematical Theory of Communication

By C. E. SHANNON

6. Second-order word approximation. The word transition probabilities are correct but no further structure is included.

THE HEAD AND IN FRONTAL ATTACK ON AN ENGLISH WRITER THAT THE CHARACTER OF THIS POINT IS THEREFORE ANOTHER METHOD FOR THE LETTERS THAT THE TIME OF WHO EVER TOLD THE PROBLEM FOR AN UNEXPECTED.



**Darling Sweetheart,
You are my fellow feeling. My affection curiously
clings to your passionate wish. My liking yearns
to your heart. You are my wistful sympathy: my
tender linking.**

**Yours beautifully,
M.U.C.**

M.U.C. = Manchester University Computer



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**KEIN KUSS IST STILL
ODER DIE LIEBE IST STILL
ODER KEINE SEELE IST REIN
UND NICHT JEDER KUSS IST GRUEN
UND EIN JUENGLING IST HEFTIG**

**Rul Gunzenhäuser
& programmgesteuerte
Ziffernrechenanlage**

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The Analysis of Communication Content

Developments in Scientific Theories
and Computer Techniques

Edited by
GEORGE GERBNER
OLE R. HOLSTI
KLAUS KRIPPENDORFF
WILLIAM J. PAISLEY
PHILIP J. STONE

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THE GENERAL INQUIRER:
A Computer Approach to Content Analysis

Philip J. Stone *a.o.*
Dexter C. Dunphy
Marshall S. Smith
Daniel M. Ogilvie
with associates



(1966)

The M.I.T. Press
Massachusetts Institute of Technology
Cambridge, Massachusetts, and London, England

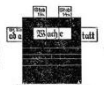
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1966

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THE GENERAL INQUIRER:
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*Philip J. Stone a.o.
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Welcome to the General Inquirer Home Page.

We mourn the loss of Philip Stone who died on January 31st, 2006, and we dedicate the continuation of this site to his memory. Established as the home website for the General Inquirer, a computer-assisted approach for content analyses of textual data, the site is designed to be a resource for learning about the Inquirer as well as a reference in using the Inquirer.

712E

<http://www.wjh.harvard.edu/~inquirer/Home.html>

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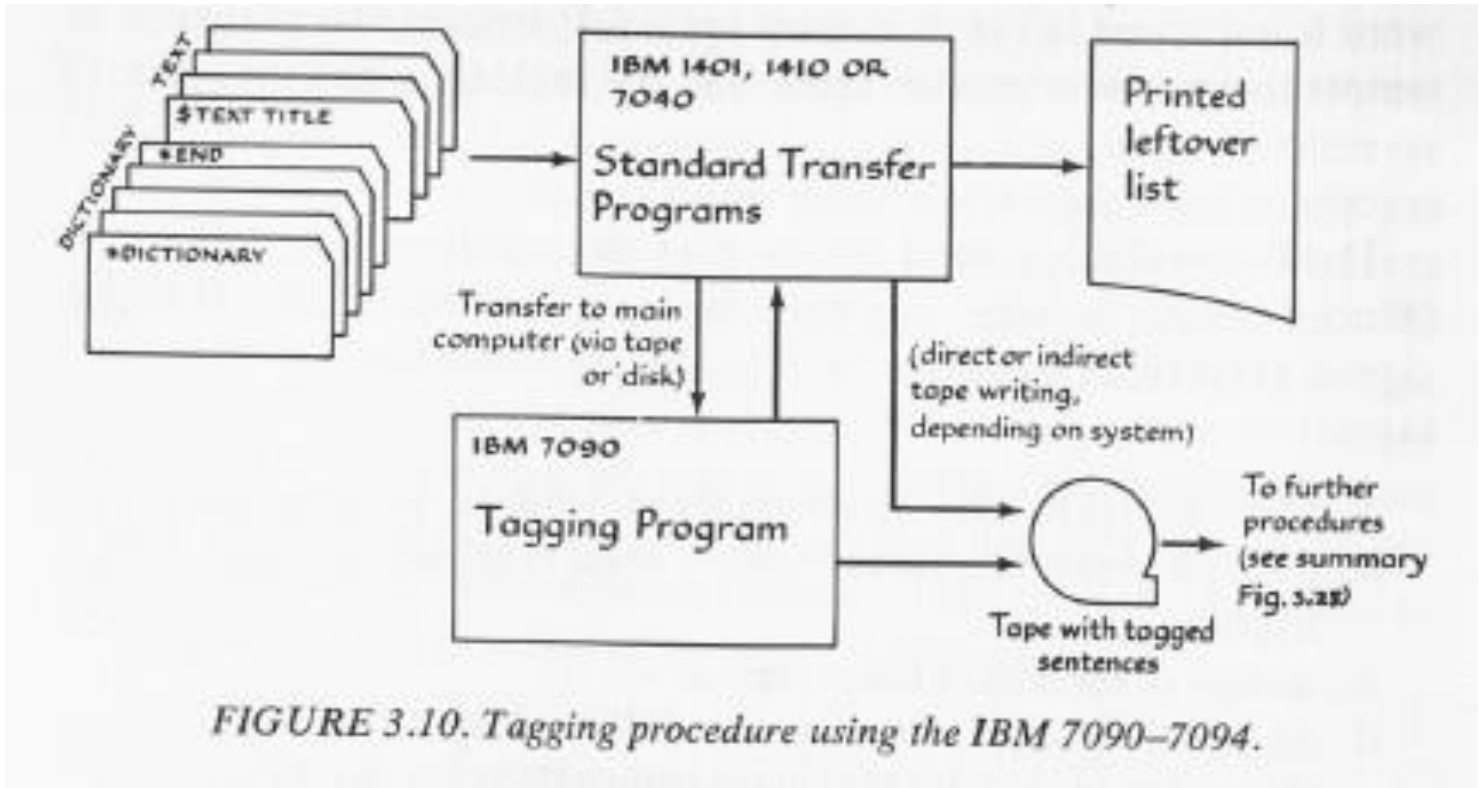
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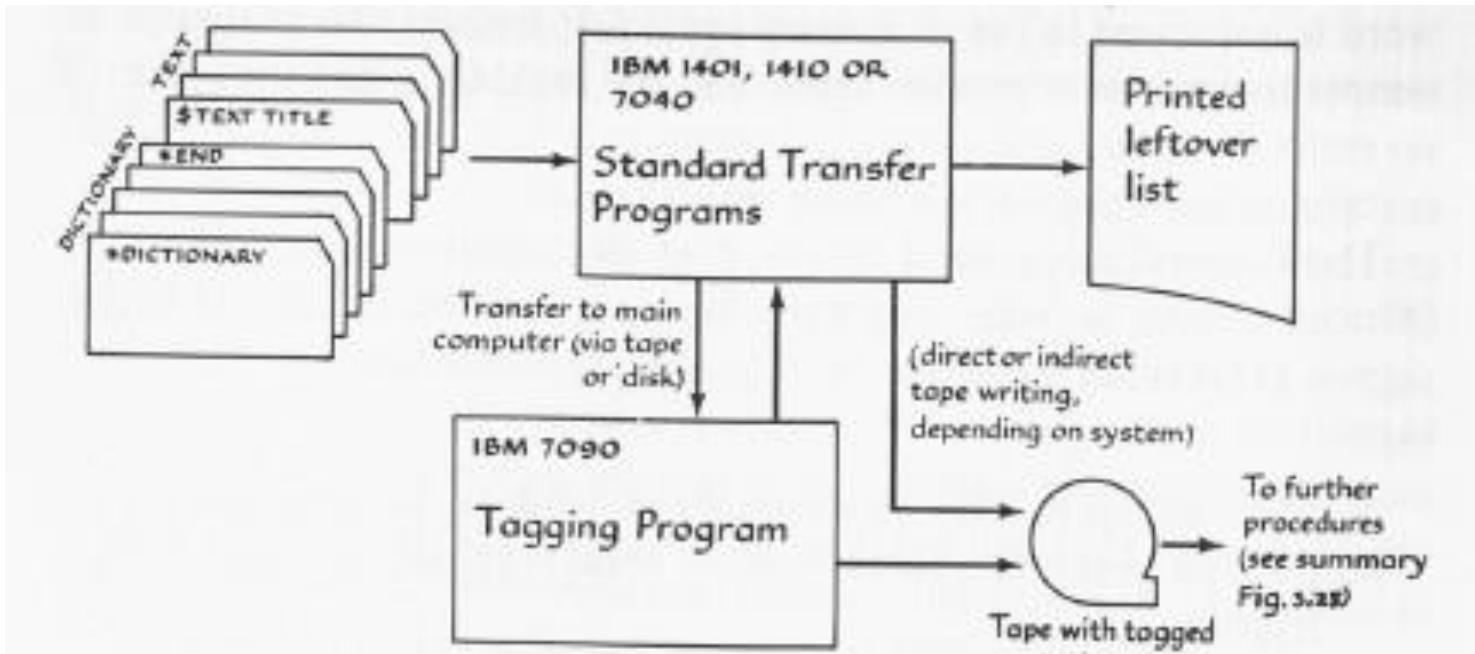
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... set of computer programs to (a) identify systematically, within texts, instances of words and phrases that belong to categories specified by the investigator; (b) count occurrences and specified co-occurrences of these categories; (c) print and graph tabulations; (d) perform statistical tests; and (e) sort and regroup sentences according to whether they contain instances of a particular category or combination of categories.





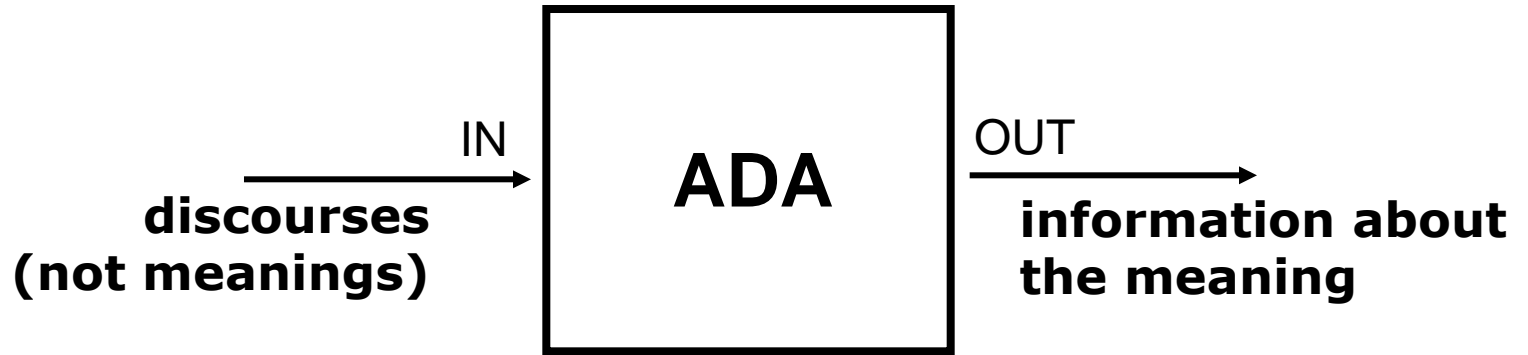


The categories assigned are called *tags*.

A computer scans the text from beginning to end. Each successive text word is looked up in the content analysis dictionary provided by the investigator. The tags assigned by each successfully matched entry word [...] are stored in sequence on a list.

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$$\Gamma_x^n \circ L \rightarrow \Delta_x^n$$

In order to reveal Δ_x we will attempt to define both the points at which it

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$$U_n = F (DET_1, N_1, V, ADV, P, DET_2, N_2)$$

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| | F | DET ₁ | N ₁ | V | ADV | P | DET ₂ | N ₂ |
|------------------|---|------------------|----------------|---|-----|---|------------------|----------------|
| U _i = | a | b | c | d | e | f | g | h |
| U _j = | a | b | c | d | j | f | k | m |

We now associate a number with the (U_i, U_j) pair in each morpho-syntactic category, adopting the convention that two identical terms within the same morpho-syntactic class are represented by the number 1, and different terms by the number 0. Here, for example, we obtain

$$(U_i, U_j) = 1 1 1 1 0 1 0 0$$



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|------------------|---|------------------|----------------|---|-----|---|------------------|----------------|
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| U _j = | a | b | c | d | j | f | k | m |

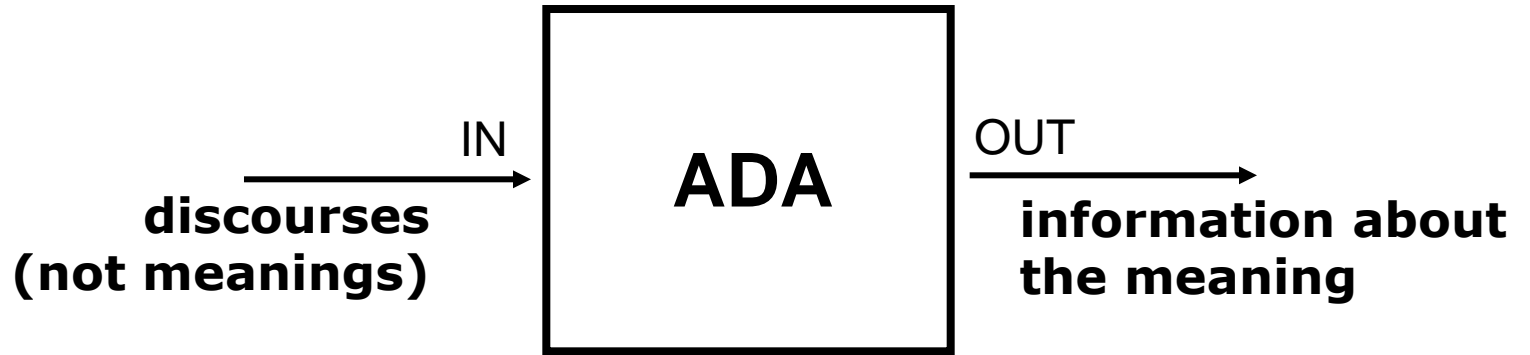
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$$(U_i, U_j) = 1 1 1 1 0 1 0 0$$

= Maß der *paradigmatic proximity* zur Bestimmung von *semantic domains*

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