FID/CR News 21

Change in Chairmanship FID/CR

At the recent FID Council Meeting, Moscow, Sept. 1987, the Canadian member proposed that Canada take over the FID/CR Secretariat for the forthcoming term 1988-1991. Profesor Nancy WILLIAMSON (PhD) from the Faculty of Library and Information Science, University of Toronto will succeed Dr.Ingetraut Dahlberg as chairperson. Prof.Williamson has been a teacher in the field of classification theory already for a long time. She has also been practically working in the design of a special classification system for the collection of the Parliamentary Group for World Government House of Commons, England. Her research work covered also investigations concerning the access to Viewdata Systems. Quite recently she has been active in feasibility studies of using the Library of Congress Classification as a mechanism for subject access in online catalogs - see also the report by R.P.Holley on the current work of the IFLA Section on Classification and Indexing of which she is a member.

Her major publications in our field are: (1) An experiment in the application of William Goffman's Indirect Method of Information Retrieval (Cat.& Classif. Quart.1(1980)p.3-21); (2) Viewdata systems: designing a database for effective user access (Can.J.Inform.Sci. 6(1981)p.1-14); (3) (with P.A. Richmond) Three-dimensional models in classification (In: Neelameghan, A.: Proc. 3rd Int.Study Conf.FID/CR 1975. Bangalore 1979.p.188-203); (4) Videotex Information Retrieval Systems: the logical development and optimization of tree structures in a general online interactive system (In: Dahlberg, I.: Universal Classification I. Proc.4th Int. Study Conf.FID/CR, Augsburg 1982. Frankfurt: Indeks Verl.1982. p.277-284); (5) Subject cataloguing in Canada (Int.Cat. 11(1982)p.30-32); (6) Subject access in the online environment (In: Adv.in Librarianship 13 (1983)p.49-97, 112 refs.); (7) Classification in online systems: Research and the North American perspective. (Int.Cat.14(1985)No.3, p.29-31).

The FID/CR Secretariat has been located in India (1951-1960), in Denmark (1962-1972), in India again (1973-1980), and in the Fed.Rep.of Germany (1981-1987). As there is an active Canadian Classification Research Group (CCRG) under the able guidance of Prof.T.C.Craven (London, Ont.), of which Prof.Williamson is a member and will surely be backed by it considerably, we are very happy that it is now Canada's term and that Prof.Williamson will start to chair FID/CR from 1 Jan. 1988 onward. Nancy, our very best wishes for a most prosperous time of FID/CR chairmanship are with you!

IFLA Section on Classification and Indexing
Report on the Meetings, Brighton, August 1987

Chairperson Robert HOLLEY convened the first Standing Committee meeting of the Section on Saturday, Aug.15 with eight members and three observers present. After approval of the minutes, Barbary KELM gave the Treasurer's Report. The Section is in good financial shape, and Nancy WILLIAMSON will receive continued support for the Section Project.

Next followed the report on developments since the last meeting. All five papers from the 1986 Tokyo Conference appeared in International Cataloguing (H.ISHIYAMA in 15-3, N.WILLIAMSON in 15-4, Y.LIZHONG in 16-1, T.HENRIKSEN and E.R.SUKIASJAN in 16-2). On the issue brought before the Section by the Botswana Library Association last year, the Chairperson carried out the decision to express concern to Forest Press about the proposed treatment of Southern Africa in the 20th edition of the Dewey Decimal Classification. In part because of letters sent to various library associations, the Section welcomed two new members to the Standing Committee, Dorothy MCGARRY from Los Angeles, USA and M.PINO from Lisbon, Portugal; it regretfully accepted the resignation of M.L.VIG of Kobenhavn, Denmark. While D.McGarry was nominated by the Special Library Association, she is also an active member of RTSD. In June, the Section distributed its annual Newsletter to the sixty Section and eleven Standing Committee members.

The Section next heard reports on developments in classification and indexing from the international perspective. Nancy WILLIAMSON reported on her attendance at the 3rd Regional Conference of FID's Committee on Classification Research which took place in Montreal on Sept.13, 1986. The Conference, which featured three contributed papers and an open panel discussion, attracted around 50 participants. In the Universal Decimal Classification area, the Central Classification Committee was dissolved to be replaced by the new UDC Management Board. The goal is to increase income by improving marketing efforts. Suzanne JOUGUELET reported on developments in France including the online public access catalog at the Bibliotheque Nationale and the ELECTRE system for booksellers.

A major topic of discussion was the possible formation of a Working Group on Subject Authority Files. After much debate, the Standing Committee approved the decision to plan the formation of such a working group under the direction of Barbara KELM. The Section will make a formal proposal at the Sydney Conference and hopes to have completed a large portion of the preliminary work by that time. As the Section sees it, the Working Group will concern itself with content designation in the abstract without specifying the nature of any specific authority file. The Section will also work in close coordination with the Universal Bibliographic Control and International MARC Office.

Nancy WILLIAMSON gave the status report on the Section Project as she continues her investigation into the desirability and feasibility of using the Library of Congress Classification as a mechanism for subject access in online catalogues. She will visit the Library of Congress in September and October as part of the project and is currently working on automating portions of the LCC schedules and on creating links between the schedules and bibliographic records. As the beginning of Phase III on the use of classificatory systems in data bases, she sent out questionnaires to approximately 200 data base

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vendors. In addition to funding from IFLA, Nancy Williamson obtained a grant of $1,800 Canadian from her institution and has applied for an additional $5,000 in outside funding. She expects to finish the Project this year and to give her final report at the 1988 Sydney IFLA Conference.

The first meeting ended with the re-election of Robert HOLLEY as Chairperson and Barbara KELM as Secretary/Treasurer for a second two year term.

During the open meeting on August 19, Peter PAULSON of Forest Press delivered a paper co-authored with John J.FINNI on "The Dewey Decimal Classification enters the computer era: Developing the DDC Database and Editorial Support System". Since E.R.SUKIASYAN of the USSR was unable to attend, he had a colleague, Ludmilla KOZLOVA, present his study on "Classification numbers in Soviet publications: Review of classification systems and regulations of class number publication in Soviet books and periodicals". The estimated attendance of 90-100 delegates filled the room. Nancy WILLIAMSON also gave a brief report on the Section Project.

Section members participated in two other program sessions. Barbara KELM, Section Secretary/Treasurer, took part in the National Bibliographies Seminar with a paper entitled "Die Anwendung von Klassifikationssystemen in Nationalbibliographien" while Robert HOLLEY, Section Chairperson, gave a report on "Developments and progress in classification and indexing" at the Division of Bibliographic Control Session. Abstracts of the papers by Paulson, Sukiasyan, and Kelm are appended to this report.

On Friday, Aug.21, the Standing Committee met with eight members and three observers including Pauline HALDANE of Australia who was there to help plan for the Sydney Conference. The group once more discussed recruiting new members to assure an orderly transition when the original founders come off the Committee in 1989. The Section then discussed the new IFLA conference format which allows each unit only one meeting slot instead of the current two and implements earlier deadlines to allow for the refereeing of papers. For the 1988 Sydney Conference, plans for the open presentation include a final report on the Section Project by Nancy WILLIAMSON; a paper on subject access in Australia or a neighboring country, and a brief announcement of the Section Working Group. With IFLA's new long range planning in mind, the Standing Committee considered three possibilities for the 1989 Paris Conference: the economic aspects of subject access in France, the changes in the use of PRECIS in the British National Bibliography, and minimal level cataloging in the USA. In addition, with help from Forest Press, the Section plans to sponsor a workshop on

Robert P.Holley

Abstracts of Papers Presented at the Brighton Conference 1987:

FINNI, J.J., PAULSON, P.J.: The Dewey Decimal Classification enters the computer era: Developing the DDC Database and Editorial Support System.

In 1984, Forest Press commissioned INFORONICS to develop an online system to support editing the Dewey Decimal Classification and the Manual for its use. The "Editorial Support System (ESS)" has had far-reaching impact on the use of classification in online catalogs, both in general and for DDC in particular. All references to the same Dewey number appear in a single unit record. Contextual searching with the possibility of truncation takes advantage of the hierarchical nature of Dewey numbers. The authors see four major applications for ESS: 1) editing DDC, 2) a tool for classifiers, 3) structure and vocabulary enhancement for subject searching in online catalogs, 4) structure and organization of knowledge in knowledge-based and Artificial Intelligence systems. Forest Press, however, will continue to provide a printed version of DDC for libraries without computer services.

SUKIASYAN, E.R.: Classification numbers in Soviet publications: Review of classification systems and regulations of class number publication in Societ books and periodicals.

Centralized systematization in the Soviet Union covers all state publishing houses and rests on the requirements of state standards. Classification numbers of the Library-Bibliographical Classification and numbers of the Uniform System of Classification of Literature for Book Publishing in the USSR are stated in all publications. Along with these numbers, books and periodicals in the fields of science, technology, medicine and agriculture are furnished with UDC numbers. The effectiveness of their usage depends on the knowledge of classification rules and the availability of classification tables in libraries.

KELM, B., TRAISER, W.: The usage of classification systems in national bibliographies .

Synopsis of the development of the utilization of international classification systems in national bibliographies during the past 10 years. Around 40% of the classifications follow or are oriented towards the Universal Decimal Classification. From the analysis of the present situation - which even in any given classification system already shows a great range of variation - follow suggestions for further minimal standardization.

FRG: Gesellschaft für Klassifikation eV: 1987 Meetings of Special Interest Groups

Meeting of the SIG-IS

The 10th meeting of the Special Interest Group on "Indexing Languages" (chaired by R.FUGMANN, Idstein) met on May 4, 1987 at the Secretariat of the Society in Frankfurt. The discussions concentrated on a paper by D.SOERGEL, University of Maryland, entitled: Zur Modellierung von Daten über Stoffe und Prozesse (On the modelling of data about substances and processes) in the presence of the author.

Meeting of the SIG/TK

A report on the meeting of the Special Interest Group on "Classification Terminology" which took place at Aachen, June 29, 1987, was already included in Int. Classif. 1987-2, p.93-94.

Meeting of the SIG-BA

The Special Interest Group on "Concept Analysis" held a 3rd Meeting on Oct.16-17, 1987 at the TH Darmstadt on "Concept Analysis and Linguistics" with some 50 participants. The following papers were presented:

H.-W.EROMS, Passau: Paradigmenerstellung bei verbalen Wortfeldern (Construction of paradigms for verbal word fields). - G.RAHMSTORF, Darmstadt: Interaktives Arbeiten mit Begriffsnetzen (Interactive work with concept networks). - M. BORNEWASSER, Münster: Aggression als holistisches Konstrukt (Aggression as a holistic model). - R.WILLE, Darmstadt: Formale Begriffsanalyse eines Wortfeldes (Formal concept analysis of a word field). - B.GANTER, Darmstadt: CONCLUST - ein Programm zum begrifflichen Clustern (CONCLUST a

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program for conceptual clustering). - C.STECKNER, Hamburg: Die Analyse von historischen Keramikbegriffen (Analysis of historical concepts of ceramics). - G.LUSTIG, Darmstadt: Linguistische Probleme einer begriffsorientierten automatischen Indexierung (Linguistic problems in concept-oriented automatic indexing). - D.BUSSE, Darmstadt: Begriffskonstitution im kommunikativen Handeln (Concept establishment in communicative actions). - N.MEDER, Köln: Eindeutigkeit und Mehrdeutigkeit in der prozeduralen Semantik (Univocity and equivocation in procedural semantics). - J.SCHÄFER, Darmstadt: Begriffe und metaphorische Sprachspiele, oder: Wie spricht man über John Coltrane? (Concepts and metaphorical language games, or: How does one talk about John Coltrane?).

The papers were followed by intensive discussions. The first day was concluded with a demonstration of computer programs for formal concept analysis. In a discussion at the end of the meeting, possibilities of further cooperation were discussed whereby a special interest arose in confronting once the relationship between intension and extension. The next meeting will be organized by Prof.W.LEX, Clausthal-Zellerfeld, on Concept Analysis and Artificial Intelligence. Itis planned for October 1988 at the Technical University of Clausthal-Zellerfeld. For further information please contact Prof.Dr.R.Wille, TH Darmstadt, FB Mathematik, Schloßgartenstr. 7, D-6100 Darmstadt.

Meeting of a Subgroup of SIG-WK

On Dec.6, 1987 a subgroup of the Special Interest Group on "Commodity Classification" met a Munich to establish a recommendation for the description of commodity and product data for further discussion at the meeting during the 12th annual conference at Darmstadt. The SIG-WK is chaired by Dr.Helge GASTHUBER, Wien. For further information contact him at the Wirtschaftsuniversität, Institut für Warenkunde und Technologie, Franz-Klein-Gasse 1, A-1190 Wien.

Meeting of the SEK-DA-NK

The Section "Data Analysis and Numerical Classification" of the German Society for Classification held its Fall Meeting vom Nov.13-14, 1987 at the University of Mainz with Prof.Nanny WERMUTH serving as the organizer. The following papers were presented and discussed:
N.WERMUTH: Kovarianz-Struktur-Modelle: Spezielle Modelle, Vergleich und Implikationen (Covariance structure models: Special models, comparison and implications). - R.JANSSEN: Interaktive Analyse großer Datensätze (Interactive analysis of large data collections). - G.HERDEN: Gütekriterien für Heterogenitätsmaße, die lediglich ordinale Signifikanz haben (Quality criteria for heterogenity measures having only ordinal significance). - P.O.DEGENS: Hierarchische Clusteranalyse mit unvollständigen Daten (Hierarchical cluster analysis with incomplete data). - P.IHM: More about incomplete matrices. - A.DRESS: Clustertheorie für endliche metrische Räume (Cluster theory for finite metrical spaces). - W.VACH: Verbesserung des Average-Linkage-Verfahren zum Schätzen von Ultrametriken in additiven Fehlermodellen
(Improvement of the average lingage procedure to estimate ultrametrics in additive error models). - A.v. HAESELER: Rekonstruktion phylogenetischer Bäume mittels einer Version der Vier-Punkte-Bedingung (Reconstrcution of phylogenetic trees with a version of the four-points-condition).
For any further information on this meeting contact Prof.Dr.N.Wermuth, Psychologisches Institut der Universität Mainz, Staudingerweg 9, D-6500 Mainz 1.

Establishment of a SIG-BT

A new special interest group was constituted during the 11th Annual Conference at Aachen, June 30, 1987 to consider the problems of "Biological Taxonomy". Interested colleagues should please contact Dr.Paul O.DEGENS, FB Statistik, Universität Dortmund, PF 500 500, D-4600 Dortmund 50.

6th Workshop KTK

The Committee Technical Communication of the Deutsche Gesellschaft für Dokumentation (DGD/KTK) held its 6th Workshop on 16-17 Nov.1987 in Frankfurt on the topic "Software for database construction, retrieval and thesaurus management". Accordingly, one session with four presentations was devoted to software for thesaurus management. The following papers and PC-demonstrations were presented (in German): D.STRAUCH, Berlin: PROTERM: PC-Software for thesaurus management and terminology control. - E.LUKAS, Frankfurt: INDEX. Universally applicable PC-Software for thesauri and classification. - N.LANG, V.MÜLLER, Luxemburg: MICT. Multilingual indexing and classification tool for thesauri of the European Communities. - P.KNOPF, AGICOM, Basel: SWISSBASE. Integrated software for documentation, library and thesaurus management. In each case the software allows a combination between the classification system and the thesaurus. The interest in this workshop (with some 100 participants) was enormous, some further 30 interested people had to be rejected and asked to apply for a foreseen repetition of this workshop during the springtime of 1988. For further information contact: Deutsche Gesellschaft für Dokumentation eV, Westendstr. 19, D-6000 Frankfurt.

U.K.: CRG 262

On July 9, 1987, the 262nd meeting of the Classification Research Group was held at the University College London with 13 members present. In continuation of the topics on Subject Analysis discussed at the previous meeting (May 30, 87), Mr. Derek LANGRIDGE circulated an amended version of his chart juxtaposing four kinds of elements to be considered in subject analysis, namely: 1) Fundamental Categories of Knowledge, 2) Topics, 3) Nature of thought, 4) Nature of text. His use of the concept "subject analysis" comprises "general professional awareness, book selection, enquiry analysis and above all indexing". He distinguishes aims and types of indexing and stressed to avoid the common confusion of summarisation/depth indexing with pre- and post-coordinate indexing. Subject analysis should always be done totally objective.

The discussions took up a number of critical points of the chart, e.g. "criticizm" and "personal knowlede" listed under "Fundamental categories of knowledge".

The next meeting, scheduled for Oct.22, 1987 was to be on the classification of politics/law in the Bliss Classification (J.Mills).

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Classification and Indexing Research Current Bibliography of Projects

Our interested readers are kindly requested to send us information on their own research projects, if applicable, for publication in this service.

Our sources of the following project descriptions were the abstract journal "Current Research in Library and Information Science", published by the Library Association (UK) and the "Nachrichten für Dokumentation", Frankfurt. For reasons of space we had to shorten the abstracts. The class numbers on the right are taken from the Classification Literature Classification (CLC).

254 CL241

Language documentary theory.
Research worker: Lafuente, R. Address: Universidad Nacional Autonoma de Mexico. Centro Universitario de Investigaciones Bibliotecologicas.
Duration: Completed Sept.1987
The methodology applied in the development of a language documentary theory is based on a suitable model in order to find the dynamic relations in the universe of subjects. Source: Curr. Res. 5(1987)No.2

255 CL343

Auxiliary automatic indexing using a knowledge-based multilingual selection of term cores.
Research workers: Lindahl, B. Address: BYGGDOK, Institutet för Byggdokumentation, Sweden. Duration Oct.1986-Dec.1987
The bibliographic data base BODIL, with over 67 000 references, is used as a testing object for the enhancement of existing databases by automatic means. Input from four countries covers documents in six Nordic/Western languages - Swedish, Danish, Norwegian, English, French, German. Extraction of about 600 important concepts with their translation/synonyms, can be financed within the project. Being ready-truncated descriptors, extracted from titles, sub-titles and existing composite keywords, they will speed up and regularise Boolean searches. Source: Curr.Res. 5(1987)No.3

256 CL347

Training access points: subject structure.
Research worker: Shuter, J. Address: Information Audit, England. Duration: Sept.-Dec.1986
Objective of the research was to create a subject structure to enable fast and effective online indexing and retrieval of information about continuing education and training opportunities both nationally, and in local areas. Solution was the development of a simple hierarchical structure with the facility for subsequent expansion. Source: Curr.Res. 5(1987)No.2

257 CL348-53

Verfahren zur rechnergestützten Codierung von Klartextdiagnosen. (Procedure for computerized coding of diagnosis in full text form).
Research workers: Debold, P., Ruhl, U. Address: Institut für Gesundheits- und Sozialforschung GmbH (IGES), Hardenbergstr. 4-5, D-I000 Berlin 12. Duration: June 1985 - June 1986
The texts contain medical diagnoses. The processing aims at classifying diseases according to the International Classification of Diseases (ICD) in its 9th revision of 1979 for the purposes of social security establishments. Methodology: full text analysis, word- or word stein comparisons between text input and integrated text dictionary, formation of similarity measures, dialogue processing. Source: Nachr. Dok. 38(1987)No.5

258 CL387

Programmsystem zur automatischen Sprachanalyse und Sprachverarbeitung (PLAIN). (System of computer programs for automatic language analyses and language processing - PLAIN).
Research worker: Hellwig, P. Address: Universität Heidelberg, Germanistisches Seminar, Hauptstr.207-209, D-6900 Heidelberg.
Duration: 1977-1986
The program system PLAIN serves for the compilation and testing of morphological, lexical, syntactic and semantic data of single natural languages. It is meant to be used in basic linguistic research, in information science, for automatic question-answering systems and for machine translation. It is also a research tool for lexicography. Source: Nachr.Dok. 38(1987) No.5

259 CL42.75

Classification in online catalogs: UDC in DOBIS-LIBIS.
Research worker: Jonckheere, W. Address: Katholieke Universiteit Leuven, Belgium. Duration: June 1985-
Creation of an authority file by extracting parts of existing machine readable UDC versions; permutation of main numbers and auxiliary numbers; permutation of the table text (in Dutch and English) in order to create verbal entries; study of consistens online classing in a decentralised context (network of 4 university libraries with several departmental libraries and 6 special libraries); study of the use of the permuted classification fiels in the OPACversion. Source: Curr.Res. 5(1987)No.3

260 CL44.6-66

A manual for the use of the Library of Congress Classification in world and in Latin American law, subclasses JX and K and classes KDZ, KG-KH.
Research worker: Bennett, R.A. Address: Universidad Nacional Autonoma de Mexico. Centro Universitario de Investigaciones Bibliotecologicas. Duration: March 1986-June 1987.
The manual is designed for use by teachers, students and practising classifiers in librarianship needing orientation in the law schedules which are used in many Latin American libraries. Source: Curr.Res. 5(1987)No.3

261 CL711

Linguistische und logische Methoden (LILOG). (Linguistic and logical methods - LILOG).
Research workers: Herzog, O., Rollinger, C., Schmitt, P.H., Steffens, P., Studer, R., Wesche, B. Address: IBM Deutschland GmbH, TK LILOG/KST.3504, PF 80 08 80, D-7000 Stuttgart 80. Duration: May 1986-April 1991.
Basic research in the fields of linguistics, logic and artificial intelligence for the implementation of a prototype for machine understanding of a section of the German language. Source: Nachr.Dok. 38(1987)No.5

262 CL726

Semantische Analyse von Texten und Situationen. Zur Verbindung computer-linguistischer Verfahren der empirischen Analyse von Wortbedeutungen mit Formalismen und Prozeduren der Situationssemantik (SATUS). (Semantic analysis of texts and situations. On the linking of computer linguistic procedures of empirical semantic analysis with formalisms and procedures of situation semantics (SATUS)).
Research worker: Rieger, B. Address: Rheinisch-Westfälische Techn. Hochschule Aachen. Germanistisches Institut. AG f.math.-empir.Systemforschung (MESY), Templergraben 55, D-5100 Aachen. Duration: continuing
The results from a project called PUMARBIT and BUM (Rieger) form the basis of the project on the part of empirical-quantitative semantic analyses. The project aims at identifying the formal conditions and linguistic possibilities for a structural connection of two developments in semantics (namely to use either the relationship of predication or the analysis of associative and connotative semantic relationships) and to practically test these procedures in a computer linguistic model. Source: Nachr.Dok. 38(1987)No.5

263 CL726

Bedeutungskonstitution durch unscharfe Modellbildung. Ein Verstehenssystem zum Aufbau assoziativer Wissensstrukturen aus Texten und deren Nutzung zu inhaltsgesteuerten Schluß- und Folgerungsprozessen. (Semantic constitution by fuzzy model construction. A comprehension system for the construction of associative knowledge structures from texts and their utilization for contents-controlled final- and consecutive processes (BUM).

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Research worker: Rieger, B. Address: RWTH. Germanistisches Institut. AG f.math.-empir.Systemforsch.(MESY), Templergraben 55, D-5100 Aachen. Duration: continuing
A fuzzy word meaning analysis and representation system for machine comprehension of natural language. 1) Algorithmic analysis of discourse and texts on certain subject domains for stereotype representation of word meanings; 2) separation of meaning representing entities (stereotypes) from their latent (dependency) relational structure of lexical relevance and semantic dispositions; 3) development and testing of recursively defined procedures which induce relevance relations in and generate dependency structures among stereotypically defined meaning representations; 4) used in question-answering-systems, the dialogue material discourse is again analysed according to (1.), modifying the basic data for dynamic updating of the system's stereotype knowledge representation of a certain subject domain. Source: Nachr.Dok. 38(1987)No.5

264 CL726
Unseharfe Modellbildung aufgrund empirisch-statistischer Analyse und formal-semiotischer Repräsentation von natürlich-sprachlicher Bedeutung in Texten (PUMAR-BIT). (Fuzzy model construction based on empirico-statistical analysis and formal-semiotic representation of natural-language text semantics.)
Research worker: Rieger, B. Address: RWTH. Germanistisches Inst. AG f.math.-empir.Systemforsch.(MESY), Templergraben 55, D-5100 Aachen. Duration: continuing.
Formal and empirical properties of fuzzy model structures of natural language meaning analysis and representation developed so far are being investigated towards both their possible connectability to formal (categorial-type) grammars and to empirical approaches in comprehension theory, memory structures, frame semantics and lexicography/lexicology. Source: Nachr.Dok. 38(1987)No.5

265 CL751
A logic oriented approach to knowledge and data bases supporting natural user interaction (LOKI-NLI).
Research workers: Horacek, H., Imlah, W., Pyka, C., Schöder, M., Wachtel, T. Address: Universität Hamburg, German.Seminar, Forsch.St.f. Informationswissenschaft und Künstl.Intelligenz. Duration: Oct.1984-1987
Source: Nachr.Dok. 38(1987)No.5

266 CL752
Analyse der Materialien des "Advanced Language Projekts" der New York University (ALP-MAT). (Analysis of the materials of the "Advanced Language Project" at the New York University.
Research workers: Krause, J., Capellmann, C., Franzke, A., Jarke, M., Mittermaier, E. Address: Universität Regensburg. Fachgebiet Linguistische Informationswissenschaft, Universitätsstr. 31, PF 397, D-8400 Regensburg. Duration: Oct.1983-Dec.1986
The material from the natural language question-answer system USL has been studied predominantly quantitatively. It is now assumed that a qualitative interpretation might yield interesting results. A cooperation between the New York University, the University of Regensburg and the scientific center of IBM at Heidelberg has been agreed upon. Source: Nachr.Dok. 38(1987) No.5

267 CL7578-66
Linguistik- und Logik-basiertes juristisches Expertensystem. (Linguistically and logically based expert system.)
Research workers: Guenthner, F. et al., Lehmann, H. et al. Address: IBM Deutschland GmbH, Wiss.Zentrum Heidelberg, Tiergartenstr. 15, D-6900 Heidelberg; Universität Tübingen. Forsch.St.f.Natürlichsprachliche Systeme, Österbergstr. 9, D-7400 Tübingen. Duration: Jan.1983-Dec.1987
A natural-language based knowledge acquisition and query system is aimed at for the field of traffic law as well as the implementation of a prototype to be tested in connection with its application. Source: Nachr.Dok. 38(1987)No.5

268 CL844
The Glasgow Herald Index Project.
Research workers: Baird, P., Learmonth, J. Address: University of Strathclyde, Department of Information Science, Librarianship Div. Duration Nov.1984-Aug.1987
A computerized index to the Glasgow Herald from 1969-1984 is intended. The work done by 40 long-term unemployed people started with the initial data entry using IBM PCs and in-house software, and includes checking, editing, sorting, printing and publishing procedures. 150 sets of 8 volumes covering 2 years each will be available free of charge to interested parties on application. Source: Curr.Res. 5(1987)No.3

269 CL872
Information retrieval and visualization by iconic indexing.
Research worker: Chang, S.-K. Address: University of Pittsburgh. Dept.of Library Science. Duration 1987-
Project investigates a novel method of representing symbolic pictorial information by means of two-dimensional strings. Such a representation allows the information content of a picture to be indexed, retrieved, and visualised iconically. The project includes investigations of efficient algorithms for 2D string matching, iconic indexing, partial matching by similarity measure, operations on 2D strings, hierarchical string matching using a symbolic pyramid and information abstraction and visualisation. Source: Curr.Res. 5(1987)No.3

270 CL875
A comparative study of cataloguing and classification practices in film libraries, archives, museums and documentation centers.
Research worker: Meirelles, G.D. Address: Servicio Oficial de Radiodifusion Television y Espectaculos (SODRE); Archivo Nacional de la Imagen. Duration: 12 Nov.1982 - 12 May 1986
Study aimed at obtaining an overall idea of cataloguing and classification practices among film libraries, archives, museums and documentation centers in Holland and Great Britain. Source: Curr.Res. 5(1987)No.2

271 CL876
Cataloguing, subject description and retrieval of maps: developing project 1987. Research worker: Korttinen, P. Address: University of Helsinki. Library (Bibliographic Dept.). Duration: 31 March 1987-31 Dec.1987
Preparatory project for a map retrieval and bibliographic system, especially for classification, subject headings and index terms as well as different retrieval needs and possibilities. Source: Curr. Res. 5(1987)No.3

272 CL879
Knowledge Warehouse: archive index.
Research workers: Haynes, D., Gillman, P. Address: Information Partnership, England. Duration: Febr.1987 - March 1987
The research concerns the total of one month's investigation of the indexing requirements for an electronic archive. Between 100 and 200 documents are being indexed using the TINMAN software provided by IME Ltd. Source: Curr.Res. 5(1987)No.2

SPECTRALEX

In its Spectralex Newsletter of Sept.1987 the EURALEX subcommittee Spectralex (Specialized Translation Lexicography) set up in Sept.1986, invites abstracts of papers for the BUDALEX 88 Conference, the 3rd conference of the European Association for Lexicography, which will take place at Budapest, Hungary, Sept.4-9, 1988. The abstracts of about 1000 words should be sent by 15 November 1987 to Dr.Tamas Magay, Akademai Kiado, POB 24, H-1363 Budapest. The Spectralex secretariat address: Prof.Francis Knowles, Department of Modern Languages, Aston University, GB-Birmingham B4 7ET. Spectralex chairman is: James MacLean, Lady Barron, Flinders Island 7255, Australia.

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