PASCAL

FILE DESCRIPTION

PASCAL is produced by the Institut de l'Information Scientifique et Technique (INIST) of the French National Research Council (CNRS). It provides access to the world's scientific and technical literature and includes about 450,000 new citations per year. Available in machine-readable form since 1973, PASCAL corresponds to the print publication *Bibliographie internationale* (previously *Bulletin signaletique*).

Each citation includes the article's original title, and, in most cases, a French translated title; for material since 1973, an English translated title is also provided. Most abstracts are in French. Analyzed documents come from all over the world, in 100 different languages. French journals are particularly well represented. The file's breakdown by language is as follows: English 63%, French 12%, Russian 10%, German 8%, and other lanuages 7%.

Controlled descriptors from a vocabulary of over 80,000 terms are provided in English, French, and, in some cases, Spanish; German descriptors are also provided in the area of metallurgy.

SUBJECT COVERAGE

PASCAL is multidisciplinary, covering the core of the world's scientific and techical literature. The principal subject areas covered are: the fundamental disciplines of physics and chemistry; life sciences (including biology, medicine, and psychology); applied sciences and technology; earth sciences; and information sciences.

In addition, a number of fields are covered exhaustively, often in cooperation with a variety of specialized research organizations. These fields are: energy; metals and metallurgy; building and public works; earth sciences; biotechnology; fundamental and applied zoology of invertebrates; agricultural sciences (specifically plant production); tropical medicine; and information science documentation.

Fields not covered by PASCAL include: nuclear physics (study of the nucleus); military applications of aeronautics and space techniques; pure mathematics; veterinary pathology (except infectious aspects); animal husbandry (since 1979); and odontology (since 1982).

SOURCES

Literature of all types is abstracted in PASCAL: journal articles (about 93% of the file), theses (mainly French, 5,000 per year), conference proceedings, technical reports, books, patents (until 1980, and in biotechnology since 1983). The number of journals scanned regularly is over 8,500; 4,500 of these are abstracted completely.

DIALOG FILE DATA

Inclusive Dates: 1973 to present
Update Frequency:
    Monthly except August (approximately 40,000 records per update)
File Size: Over 11,830,000 records as of March 1998

CONTACT

PASCAL is produced by INIST, the Scientific and Technical Information Institute of the Centre National de la Recherche Scientifique (CNRS). Questions concerning file content should be directed to:
CNRS/INIST
2, allee du Parc de Brabois
Vandoeuvre-les-Nancy CEDEX 54514
France
Phone: (33) 83.50.46.05
Fax: (33) 83.50.46.83
Telex: CNRSDOC 22088OF

SAMPLE RECORD

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            DIALOG(R)File 144:Pascal
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JA=, AN=	09428442 PASCAL No.: 91-0218819
/TI, /FT	La conception assistee par ordinateur des horaires des trains du RER a la RATP: l'application CADHOR
/TI, /ET	(Computer-aided timetable design for RER trains at the RATP: the CADHOR application)
AU=	BERTOCCHI R; LEMOINE J -F
JN=, PY=	Journal: Revue generale des Chemins de Fer, 1991, 110 (1) 23-33
SN=, AV=	ISSN: 0035-3183 Availability: CNRS-351
DT=	Document Type: P (Serial) ; A (Analytic)
CP=	Country of Publication: France
LA=, SL=	Language: French Summary Language: English
/DE, /ED	English Descriptors: Subways; Rail traffic; Schedule; Computer aided design; Computer aid; Software; France
/FD, /DE	French Descriptors: Metropolitain; Trafic ferroviaire; Horaire; Conception assistee; Assistance ordinateur; Logiciel; France
/SD, /DE	Spanish Descriptors: Metropolitano; Trafico ferroviario; Horario; Concepcion asistida; Asistencia ordenador; Logicial; Francia
/BT, /DE	Broad Descriptors: Europe; Europe; Europa
SC=	Classification Codes: 001D15D

SEARCH OPTIONS

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields	Word	S RAIL(W)TRAFFIC
/AB	AB	Abstract	Word	S ELECTRON?(2N)DIFFRACTION/AB
/BT	BT	Broader Term	Word	S EUROPE/BT
/DE	DE	Descriptor (any language)[1, 2]	Word & Phrase	S RAIL(W)TRAFFIC/DE S COMPUTER AIDED DESIGN/DE
/ED	ED	English Descriptor[2]	Word & Phrase	S SUBWAY?/ED S COMPUTER AID/ED
/ET	ET	English Title (original or translated)[3]	Word	S RER(W)TRAIN?/ET
/FD	FD	French Descriptor[2]	Word & Phrase	S CONCEPTION(W)ASSISTEE/FD S ASSISTANCE ORDINATEUR/FD
/FT	FT	French Title (original or translated)[3]	Word	S HORAIRES(1W)TRAIN?/FT
/OD	OD	Other Language Descriptor[2]	Word & Phrase	S AUGER(W)SPEKTROMETRIE/OD S AUGER SPEKTROMETRIE/OD
/OT	OT	Title in Other Languages (original)[3]	Word	S ROENTGENSPEKTROMETRIE/OT
/SD	SD	Spanish Descriptor[2]	Word & Phrase	S CONSEPCION(W)ASSISTIDA/SD S TRAFICO FERROVIARIO/SD
/ST	ST	Spanish Title (original)[3]	Word	S (EVOLUCION AND BIOGEOGRAF?)/ST
/TI	TI	Title (any language)[3]	Word	S TIMETABLE(S)DESIGN/TI

[1] Also /DF.

[2] Descriptors in any language may be searched using /DE.

[3] Title words in any language may be searched using /TI. Each record includes the article's original title, as well as a French translated title; for material since 1973, the English-language titleis also included.

ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
AC=	AC	Country of Patent Application [4]	Phrase	S AC=FR S AC=US
AD=	AD	Patent Application Date [4]	Phrase	S AD=880718
—	AN	DIALOG Accession Number		
AN=	AN	PASCAL Accession Number	Phrase	S AN=91-0218819
AN=	AN	Patent Application Number [4, 5]	Phrase	S AN=FR 8515396
AP=	AP	Patent Application Number [4, 5]	Phrase	S AP=FR 8515396
AU=	AU	Author	Phrase	S AU=BERTOCCHI R?
AV=	AV	Availability	Word	S AV=CNRS
BN=	BN	International Standard Book Number (ISBN)	Phrase	S BN=2-905550-07-4 S BN=2905550074
CD=	CD	CODEN [6]	Phrase	S CD=ACSCE
—	CF	Conference Information [7]		
CL=	CL	Conference Location [7]	Word	S CL=(NEW(W)YORK)
CO=	CO	CODEN [6]	Phrase	S CO=ACSCE
CP=	CP	Country of Publication	Phrase	S CP=FRANCE S CP=FEDERAL REPUBLIC OF GERMANY
CS=	CS	Corporate Source	Word	S CS=(UNIV?(S)CONSTANTINE) S CS=(CAMBRIDGE(S)CB2)
CT=	CT	Conference Title [7]	Word	S CT=(NATO AND PLASMA(S)PHYSICS)
CY=	CY	Conference Year [7]	Phrase	S CY=1987:1988
DT=	DT	Document Type	Phrase	S DT=SERIAL S DT=ANALYTIC
IC=	IC	International Patent Class	Phrase	S IC=B01J 20/32
JA=	JA	Journal Announcement	Phrase	S JA=91
JN=	JN	Journal Name [8]	Phrase	S JN=REVUE GENERALE DES CHEMINS S JN=ACOUST. LETT. S JN=ACOUSTICS LETTERS
LA=	LA	Language	Phrase	S LA=FRENCH
NT=	NT	Note	Word	S NT=ANGLAIS
PA=	PA	Patent Assignee [4, 9]	Word & Phrase	S PA=(FUJI(1W)FILM) S PA=FUJI PHOTO FILM?
PC=	PC	Patent Country	Phrase	S PC=EP
PD=	PD	Publication Date	Phrase	S PD=9007:9012
PN=	PN	Patent Number [4]	Phrase	S PN=EP 0200708
PU=	PU	Publisher	Word	S PU=(ELSEVIER(1W)SCIENCE)
PY=	PY	Publication Year	Phrase	S PY=1990:1991
RN=	RN	Report Number	Phrase	S RN=AFME 284-2186 S RN=AFME2842186
SC=	SC	Subject Classificaiton Code [10]	Phrase	S SC=001 S SC=001D SC=001D15 SC=001D15D
SE=	SE	Series Title	Word	S SE=(NATO AND ASI)
SL=	SL	Summary Language	Phrase	S SL=ENGLISH
SN=	SN	International Standard Serial Number (ISSN)	Phrase	S SN=0035-3183 S SN=00353183
SO=	SO	Source Information [11]	Word	S SO=(THIN(1W)FILMS)
UD=	—	Update	Word	S UD=9106:9999

[4] Beginning with 1983.

[5] Patent Application Number is searchable with AN= or AP=.

[6] CODEN is searchable with CD= or CO=. Available only for material from 1987 forward.

[7] In addition to individual display codes CL, CT, and CY, complete conference information is displayable with CF.

[8] Also searchable with SO=. Some titles may be retrieved by searching either their abbreviated form or their full spelled-out title.

[9] Also searchable with CS=.

[10] Codes are cascaded to allow for broad subject retrieval, based on the PASCAL classification scheme.

[11] Search field includes journal name; display includes journal name, publication year, volume, issue, and pagination information.

File 144   PASCAL
SPECIAL FEATURES

For command descriptions, enter HELP LIMIT, HELP SORT, HELP RANK, HELP DUP, HELP CURRENT online.

LIMIT	**/ABS** (Abstract Present **/ART** (Journal Article **/ENG** (Original Document in English **/FRENCH** (Original Document in French **/YYYY** (Publication Year)	S S6/ABS S S5/ART S X(W)RAY(W)DIFFRACTION/ENG S DIFFRACTION(W)RX/FRENCH S S2/1987:1988
SORT	**AN, AU, CS, ET, FT, JN, OT, PY, ST, TI**	SORT S13/ALL/CS/AU PRINT S5/5/ALL/JN/PY,D
RANK	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked. Other RANK codes include: DE	RANK DE RANK AU S4
RD, ID	Remove duplicates (RD) or identify duplicates (ID,IDO).	RD S5
CURRENT	Search only the most recent year plus one (CURRENT1) to five (CURRENT5) years.	B 144 CURRENT2

PREDEFINED FORMAT OPTIONS

NO.	DIALOGWEB FORMAT	RECORD CONTENT
1	--	DIALOG Accession Number
2	--	Full Record except Abstract (English and French Descriptors)
3	Medium	Bibliographic Citation
4	--	Full Record with Tagged Fields (Includes All Descriptors)
5	Long	Full Record (English and French Descriptors)
6	Free	Title
7	--	Bibliographic Citation and Abstract
8	Short	Title and Indexing (English and French Descriptors)
9	Full	Full Record (English and French Descriptors)
12	--	Full Record except Abstract (French)
13	--	Bibliographic Citation
15	--	Full Record (French Descriptors Only)
16	--	Title
17	--	Bibliographic Citation and Abstract
18	--	Title and Indexing (French Descriptors Only)
19	--	Full Record (French Descriptors Only)
22	--	Full Record except Abstract (Spanish and French Descriptors)
23	--	Bibliographic Citation
25	--	Full Record (Spanish and French Descriptors)
26	--	Title
27	--	Bibliographic Citation and Abstract
28	--	Title and Indexing (Spanish and French Descriptors)
29	--	Full Record (Spanish and French Descriptors)
32	--	Full Record except Abstract (Includes All Descriptors)
33	--	Bibliographic Citation
35	--	Full Record (Includes All Descriptors)
36	--	Title
37	--	Bibliographic Citation and Abstract
38	--	Title and Indexing (Includes All Descriptors)
39	--	Full Record (Includes All Descriptors)
K	--	KWIC (Key Word In Context) displays a window of text; may be used alone or with other formats

OTHER OUTPUT OPTIONS

For an explanation, enter HELP TYPE, HELP UDF, HELP TAG online.

USER DEFINED FORMATS	Display codes listed in the Search Options tables can be used to customize output.	TYPE S3/AU,TI,SO/1-5
TAG	Output can be displayed with tags identifying each display field.	TYPE S2/AU,TI,SO 1-5 TAG
DIRECT RECORD ACCESS	If the accession number of a specific record is known, it can be used to display the record directly.	TYPE 08019585/2 DISPLAY 08019585/AU,TI,SO PRINT 00270906/5

FOR ONLINE HELP:

See HELP FIELDS 144 for searchable fields; HELP FORMAT 144 for output formats; HELP LIMIT 144 for limits; HELP RATES 144 for cost information; HELP SORT 144 for sorts.