

quate printout, and there is support from them.

Finally, it should be observed that a new library finds itself setting policy on

different matters almost every day. This calls for a careful examination of the old way of doing things and consideration of the newest way. ■■

The Computerized Book Catalog At Florida Atlantic University

BY JEAN M. PERREAULT

IN THE AUTOMATION of library work (or, if you will, its computerization) the catalog must be considered one of the primary targets. One of the principal concerns of the extensive research at the Chicago campus library of the University of Illinois, resulting in the treatise *Advanced Data Processing in the University Library*,¹ was the preparation of an outline of what could be done to bring the catalog into the frame of reference of the computer. The research of the University of Illinois, Chicago staff and their General Electric consultants was primarily theoretical. The research was essential but it by no means automatically brought about the solution of the problem. This solution is not directed primarily toward any new problems; it is and must be a solution for the same problems that always have been with every cataloger. But often the presence of these problems has been almost ignored because of an accumulation of too-easy, halfway solutions to dimly seen problems. Automation has the inestimable advantage over any conventional cataloging system. It cannot allow solutions which do not solve because they do not need to—their users will keep them from succumbing to their own unexamined flaws. Automation cannot allow any such “system-flaws,” because when such a system is turned over to a computer for manipulation, it will give results which re-

¹ (New York: Scarecrow Press, 1962.)

Mr. Perreault is Chief of Cataloging in Florida Atlantic University in Boca Raton.

fect precisely the degree of intensity given to the solution of problems *before* they arise. Systems-design is an activity worth all the time any cataloger can give to it, even those who have no intention of investing in computer hardware.

The configuration of the input document as designed by the staff of the University of Illinois, Chicago library can be described as a “bibliographic string” modeled on the tradition of cataloging at present embodied in ALA and LC cataloging rules, but with the addition to this string of “knots” occurring wherever a new element begins. These knots are symbolized on the input document in a series of numbers representing to the computer the function of the element of the catalog-text that is associated with it.

In the course of a great many conferences, notably with Louis Schultheiss of the University of Illinois, Chicago library staff and with Frederick Kilgour of the Yale medical library, several important modifications were developed in the Florida Atlantic University form of cataloging for computer manipulation. Each area of the input document was reduced to the crucial length below which reductions would begin to affect a considerable number of entries in such a way as to reduce their fullest usefulness. Flexibility was a

consideration wherever it was called for, short of the extreme of a printed form without internal articulation, as in the form adopted by the Columbia-Harvard-Yale medical union-cataloging project. This in effect takes all the knots out of the bibliographic string.

Together with these modifications, however, the Florida Atlantic University staff developed a casual suggestion by Mr. Schultheiss into a totally new system. This new system aims at a relaxation of the over-rigidly articulated University of Illinois, Chicago system, while remaining "knotted." The basic suggestion was to eliminate the various pre-assigned areas for the several types of main entry (each with its own code number, or knot), indicating in some other field of the input document which of the types was appropriate to that particular entry. This has resulted in the imprint-collation area in the Florida Atlantic University system being coded with just one "knot" rather than the several intended by the original outline (*i.e.*, that first designed by the Florida Atlantic University staff in close similarity to the University of Illinois, Chicago design: one each for place, publisher, date, pagination, size, all the various collational elements, series notes, other notes). In turn, each of these elements, if judged worthy of later retrievability, is entered in a separate area in coded form (for some elements as a numerical code, for the rest as a yes/no check; this technique is more fully considered in this issue in the article by Clayton D. Highum entitled "Cataloging for Document Retrieval at Florida Atlantic University").

Following are a few examples of Florida Atlantic University input documents filled in, and then as embodied.

FLORIDA ATLANTIC UNIVERSITY
LIBRARY CATALOG INPUT RECORD: A
SAMPLE OF ITS PLANNED RESULTS

Example 1 shows the input document for a simple work with conventional title;

note that area 23 ("Die Verteidigung . . .") does not trace out, since it has been made a see-reference to "The maiden's rescue," in a separate operation (*i.e.*, authority-file maintenance). Note that the Luhn-number is assigned for the convenience of the requestor, and does not necessarily correspond to the cataloger's decision as to the correct main entry.

Example 2 shows the embodiments that result from the input document; *example 3* shows that the collation code is stored on magnetic tape along with the descriptive and subject cataloging, in shelflist order, for future document retrieval purposes.

Example 4 shows the input document for a complex work; note that excess lines have been used in areas 23 and 31 *only* because of non-use of an equal number of lines in areas 70, 76, and 78; note the use of the double asterisk (**) in area 23; note also that here again the Luhn-number is assigned for the convenience of the requestor.

Example 5 shows the embodying author catalog entries; *example 6* those for the title catalog; *example 7* those for the subject catalog.

Example 8 shows the input document for an analytical entry (one of, supposedly, many from the same work shown in examples 4-7). Note that only such forms of entry as are traced in areas 70, 76, and 78 are embodied (see *example 9*); note also the use of the dotted lines in areas 10, (22), 23, and 31 for the formatting of an analytical entry.

The examples above are designed for original cataloging; the same format is to be key punched from LC copy, edited as shown in *example 10*.

The advantages and disadvantages of computerized cataloging can be synthesized in a system based on the best of traditional intentions plus new functions which only the computer can achieve with reasonable economy. These advantages include elimination of some clerical

FLORIDA ATLANTIC UNIVERSITY LIBRARY CATALOG INPUT RECORD

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70

MAIN ENTRY
 SMYTH, JOSEPH GREEN, 1592-1651

CONVENTIONAL TITLE
 <[THE] MAIDEN'S RESCUE. GERMAN. GRÖN-
 STADT]

TITLE AND EDITION
 DIE VERTEIDIGUNG DES UNSCHULDIGEN,
 VERDEUTSCHT VON A. VON GRÖNSTADT.

REPRINT AND COLLATION (AND NOTES)
 WÜRZBURG, E. MEHLERS, 1903. 143 P.

TRACINGS: SUBJECT CATALOG

TRACINGS: AUTHOR CATALOG

TRACINGS: TITLE CATALOG

CLASSIFICATION
 PR 11514 .5346

10 0
 10 1
 10 2
 10 3

22 0
 22 1

23 0
 23 1
 23 2
 23 3
 23 4
 23 5

31 0
 31 1
 31 2
 31 3
 31 4

70 0
 70 1
 70 2

76 0
 76 1
 76 2
 76 3

78 0
 78 1

LUIN NUMBER
 GROEVDIA 31

- 1 PERSONAL
- 2 CORPORATE
- 3 UNIFORM
- 4 ANONYM. CLAS.
- 5 TITLE
- 6 CITY CODE
- 7 REPRINT PUBL. CODE
- 8 REPRINT DATE (TERMINAL)
- 9
- 10
- 11 COUNTRY CODE
- 12
- 13 PUBLISHER CODE
- 14
- 15 ILLUSTRAT(S).
- 16 COL. ILLUS(S).
- 17 PLATE(S)
- 18 COL. PLATE(S)
- 19 PORTRAIT(S)
- 20 COL. PORTR(S)
- 21 DIAGRAM(S)
- 22 CHART(S)
- 23 TABLE(S)
- 24 PLAN(S)
- 25 ATLAS
- 26 MAP(S)
- 27 COL. MAP(S)
- 28 DISSERTATION
- 29 Festschrift
- 30 TRANSLATION
- 31 CRITICAL EDIT.
- 32 1ST ISSUE
- 33 LATER ISSUE
- 34 NO ISSUE NUM.
- 35 LIMITED EDIT.
- 36 GENERAL BIBL.
- 37 PRIMARY BIBL.
- 38 SECONDARY B.
- 39 BIBL. IN NOTES
- 40
- 41 MONOGRAL.
- 42 STEREOPHON.
- 43 W/VIS. MAT.
- 44 W/TEXT
- 45 4-TRACK
- 46 2-TRACK
- 47 4-TRACK
- 48 8-TRACK
- 49
- 50
- 51
- 52 15/16 I.P.S.
- 53 1 7/8 I.P.S.
- 54 3 3/4 I.P.S.
- 55 7 1/2 I.P.S.
- 56 15 I.P.S.
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- 100

EXAMPLE 1

FLORIDA ATLANTIC UNIVERSITY LIBRARY CATALOG INPUT RECORD

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

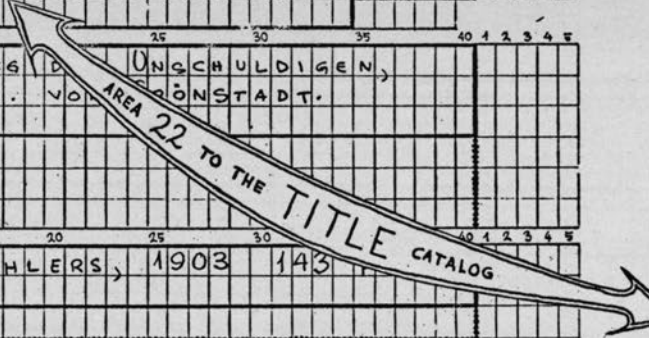
MAIN ENTRY

SMYTH, JOSEPH GREEN, 1592-1651.



CONVENTIONAL TITLE
 <[THE] MAIDEN'S RESCUE. GERMAN. GRÖN-
 STADT]

TITLE AND EDITION
 DIE VERTEIDIGUNG D. UNSCHULDIGEN,
 VERDEUTSCHT VON A. VON GRÖNSTADT.



IMPRINT AND COLLATION (AND NOTES)
 WÜRZBURG, E. MEHLERS, 1903 143

TRACINGS: SUBJECT CATALOG

TRACINGS: AUTHOR CATALOG

TRACINGS: TITLE CATALOG

CLASSIFICATION
 PR3154.S34g

40
10
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23
23
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23
23
31

SMYTH, Joseph Green, 1592-1651.
 [The maiden's rescue. German. Grön-
 stadt]
 Die Verteidigung des Unschuldigen,
 verdeutsch von A. von Grönstadt.
 Würzburg, E. Mehlers, 1903. 143 p.
 PR3154.S34g

[The maiden's rescue. German. Grön-
 stadt]
 SMYTH, Joseph Green, 1592-1651.
 [The maiden's rescue. German. Grön-
 stadt]
 Die Verteidigung des Unschuldigen,
 verdeutsch von A. von Grönstadt.
 Würzburg, E. Mehlers, 1903. 143 p.
 PR3154.S34g

70
76
76
76
76
78
78

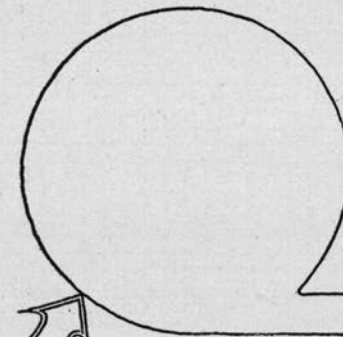
80 0

LUHN NUMBER
 GROEVDUA31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

CLASSIFICATION
 PR3154.S346
 1 2 3 4 5 6 7 8 9 10 11

IN ORDER BY CLASS NO.



COLLATION CODE
 TO
 MAGNETIC TAPE

PERSONAL	1	REPRINT PUBL. CODE	1	MANUAL.	1
CORPORATE	2		2	STEREOPHON.	2
UNIFORM	3		3	W/VIS. MAT.	3
AND LAS.	4		4	W/TEXT	4
TITLE	5		5	1-TRACK	5
CITY CODE	6		6	2-TRACK	6
	7	REPRINT (TERMINAL)	7	4-TRACK	7
	8		8	8-TRACK	8
	9		9		9
	10		10		10
COUNTRY CODE	11		11		11
	12		12	15/16 I.P.S.	12
	13		13	1 7/8 I.P.S.	13
PUBLISHER CODE	14		14	3 3/4 I.P.S.	14
	15	ILLUSTRAT(S)	15	7 1/2 I.P.S.	15
	16	COL. ILLUS(S)	16	15 I.P.S.	16
	17	PLATE(S)	17		17
	18	COL. PLATE(S)	18		18
	19	PORTRAIT(S)	19		19
	20	COL. PORTR(S)	20		20
INITIAL DATE	21	DIAGRAM(S)	21		21
	22	CHART(S)	22	BLACK + WHITE	22
	23	TABLE(S)	23	COLOR	23
FINAL DATE	24	PLAN(S)	24	SILENT	24
	25	ATLAS	25	W/SOUND	25
	26	MAP(S)	26	W/AUD.MAT.	26
	27	COL. MAP(S)	27	STEREOPTIC.	27
DISSERTATION	28	FACSIMILE(S)	28		28
PESTOGRIFT	29	COL. FAC(S)	29		29
TRANSLATION	30	DECORAT'N(S)	30		30
CRITICAL EDIT.	31	MUSIC	31		31
1ST ISSUE	32	LARGE TYPE	32		32
LATER ISSUE	33	FULL SCORE	33		33
NO ISSUE NUM.	34	CONDEN. SC.	34		34
LIMITED EDIT.	35	INDEX	35	PHYSICAL	35
	36		36	CULTURAL.	36
GEN. BIBL.	37		37		37
PRIM. BIBL.	38		38		38
SECONDARY B.	39		39		39
BIBL. IN NOTES	40		40		40
	81 0				
	82 0				
	85 0				

EXAMPLE 3

FLORIDA AT LANTIC UNIVERSITY LIBRARY CATALOG INPUT RECORD

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

MAIN ENTRY

JOINT SYMPOSIUM ON THE MEANING OF THE
NEOPLATONIC DOCTRINE OF THE GEOME-
TRICAL INTELLIGIBILITY OF PHILOSOPH-
ICAL TRUTHS, DURBAN, 1951.

CONVENTIONAL TITLE

TITLE AND EDITION

PAPERS [AND] REPORTS DELIVERED AT THE
** EDITED FOR THE MEMBER ORGANIZATIONS
OF THE INTERNATIONAL UNION FOR THE HU-
MANITIES BY COUNT JOACHIM ERNST VON
KIELSHEIM-MÖLLENDORFF.

IMPRINT AND COLLATION (AND NOTES)

BADEN-BADEN, ADEL-VERLAG, 1952-1954.
3v. in 4. (CLASSICAL SYMPOSIA AND MONO-
GRAPHS OF THE IUH, NO. 5)

TRACINGS: SUBJECT CATALOG

NEOPLATONISM--CONGRESSES#GEOMETRY--PHILOSOPHY#KNO-
WLEDGE, THEORY OF

TRACINGS: AUTHOR CATALOG

KIELSHEIM-MÖLLENDORFF, JOACHIM ERNST, GRAF VON,
1902- ED

TRACINGS: TITLE CATALOG

CLASSICAL SYMPOSIA AND MONOGRAPHS OF THE IUH, NO.
5

CLASSIFICATION

B5117.J6 80.0

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

10 0
10 1
10 2
10 3

22 0
22 1

23 0
23 1
23 2
23 3
23 4
23 5

31 0
31 1
31 2
31 3
31 4

70 0
70 1
70 2

76 0
76 1
76 2
76 3

78 0
78 1

LUHN NUMBER

KIEL PARA 31

71 72 73 74 75 76 77 78 79 80

PERSONAL	1	REPRINT PUBL. CODE	1	MONAURAL	1
CORPORATE	2		2	STEREOPHON.	2
UNIFORM	3		3	W/VIS. MAT.	3
ANONYM. CLAS.	4		4	W/TEXT	4
TITLE	5		5	4-TRACK	5
CITY CODE	6		6	2-TRACK	6
	7	REPRINT DATE (TERMINAL)	7	4-TRACK	7
	8		8	8-TRACK	8
	9		9		9
	10		10		10
	11		11		11
COUNTRY CODE	12		12	15/16 I.P.S.	12
	13		13	1 7/8 I.P.S.	13
	14		14	3 3/4 I.P.S.	14
PUBLISHER CODE	15		15	7 1/2 I.P.S.	15
	16	ILLUSTRAT(S)	16	15 I.P.S.	16
	17	COL. ILLUS(S)	17		17
	18	PLATE(S)	18		18
	19	COL. PLATE(S)	19		19
	20	PORTRAIT(S)	20		20
INITIAL DATE	21	COL. PORTR(S)	21		21
	22	DIAGRAM(S)	22	BLACK+WHITE	22
	23	CHART(S)	23	COLOR	23
	24	TABLE(S)	24	SILENT	24
TERMINAL DATE	25	PLAN(S)	25		25
	26	ATLAS	26	W/SOUND	26
	27	MAP(S)	27	W/AUD. MAT.	27
	28	COL. MAP(S)	28	STEREOPTIC.	28
DISSERTATION	29	FACSIMILE(S)	29		29
POSTSCRIPT	30	DECORAT'N(S)	30		30
TRANSLATION	31	MUSIC	31		31
CRITICAL EDIT.	32	LARGE TYPE	32		32
1 ST ISSUE	33	FULL SCORE	33		33
LATER ISSUE	34	CONDEN. SC.	34		34
NO ISSUE NUM.	35	INDEX	35	PHYSICAL	35
LIMITED EDIT.	36		36	CULTURAL	36
	37		37		37
GENERAL BIBL.	38		38		38
PRIMARY BIBL.	39		39		39
SECONDARY B.	40		40		40
BIBL. IN NOTES	41		41		41

EXAMPLE 4

FLORIDA ATLANTIC UNIVERSITY LIBRARY CATALOG INPUT RECORD

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

MAIN ENTRY

JOINT SYMPOSIUM ON THE MEANING OF THE
NEOPLATONIC DOCTRINE OF THE GEOME-
TRICAL INTELLIGIBILITY OF PHILOSOPH-
ICAL TRUTHS, DURBAN, 1951.

CONVENTIONAL TITLE 10 15 20 25 30 35

TITLE AND EDITION 10 15 20 25 30 35 40 1 2 3 4 5

PAPERS [AND] REPORTS DELIVERED AT THE
** EDITED FOR THE MEMBER ORGANIZATIONS
OF THE INTERNATIONAL UNION FOR THE HU-
MANITIES BY COUNT JOACHIM ERNST VON
KIELSHEIM-MÖLLENDORFF.

IMPRINT AND COLLATION (AND NOTES) 15 20 25 30 35 40 1 2 3 4 5

BADEN-BADEN, ADEL-VERLAG, 1952-1954.
3v. in 4. (CLASSICAL SYMPOSIA AND MONO-
GRAPHS OF THE IUH, NO. 5)

TRACINGS: SUBJECT CATALOG 15 20 25 30 35 40 45

NEOPLATONISM--CONGRESSES#GEOMETRI-
CAL TRUTHS, THEORY OF PHILOSOPHY#

TRACINGS: AUTHOR CATALOG 15 20 25 30 35 40 45

KIELSHEIM-MÖLLENDORFF, JOACHIM ERNST, GRAF VON
1902- ED

TRACINGS: TITLE CATALOG 15 20 25 30 35 40 45

CLASSICAL SYMPOSIA AND MONOGRAPHS OF THE IUH, NO. 5

CLASSIFICATION 10 15 20 25 30 35 40

B517.J6

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42

AREA 10 TO AUTHOR

AREA 76 TO AUTHOR

800

JOINT Symposium on the Meaning of the Neoplatonic Doctrine of the Geometrical Intelligibility of Philosophical Truths, Durban, 1951. Papers [and] reports delivered at the ** Edited for the member organizations of the International Union for the Humanities by Count Joachim Ernst von Kielsheim-Möllerndorff. Baden-Baden, Adel-Verlag, 1952-1954. 3v. in 4. (Classical symposia and monographs of the IUH, no. 5) B517.J6

KIELSHEIM-MÖLLENDORFF, Joachim Ernst, graf von, 1902- ed. JOINT Symposium on the Meaning of the Neoplatonic Doctrine of the Geometrical Intelligibility of Philosophical Truths, Durban, 1951. Papers [and] reports delivered at the ** Edited for the member organizations of the International Union for the Humanities by Count Joachim Ernst von Kielsheim-Möllerndorff. Baden-Baden, Adel-Verlag, 1952-1954. 3v. in 4. (Classical symposia and monographs of the IUH, no. 5) B517.J6

FLORIDA ATLANTIC UNIVERSITY LIBRARY CATALOG INPUT RECORD

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

MAIN ENTRY

JOINT SYMPOSIUM
NEOPLATONIC
TRICAL INTEL
ICAL TRUTHS

CONVENTIONAL TITLE 40 45

TITLE AND EDITION 40 45

PAPERS [AND] REPORTS DELIVERED AT THE
** EDITED FOR THE MEMBER ORGANIZATIONS
OF THE INTERNATIONAL UNION FOR THE HU-
MANITIES BY COUNT JOACHIM ERNST VON
KIELSHEIM-MÖLLENDORFF.

IMPRINT AND COLLATION (AND NOTES) 15 20 25 30 35 40

BADEN-BADEN, ADEL-VERLAG, 1952-1954.
3v. in 4. (CLASSICAL SYMPOSIA AND MONO-
GRAPHS OF THE IUH, NO. 5)

TRACINGS: SUBJECT CATALOG 45 20 25 30 35 40

NEOPLATONISM--CONGRESSES#GEOMETRY--PHILOGOPHY#KNOW-
LEDGE, THEORY OF

TRACINGS: AUTHOR CATALOG 45 20 25 30 35 40 50

KIELSHEIM-MÖLLENDORFF, JOACHIM ERNST,
1902- ED

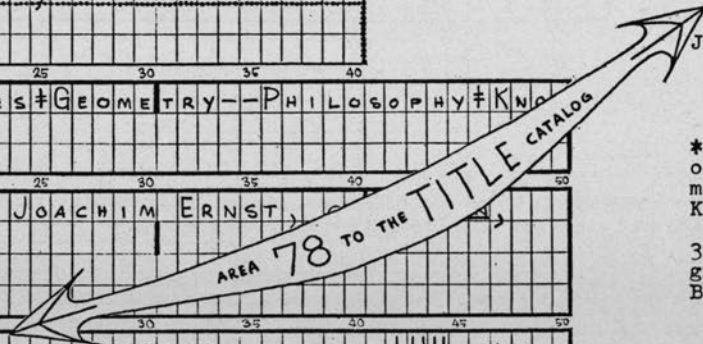
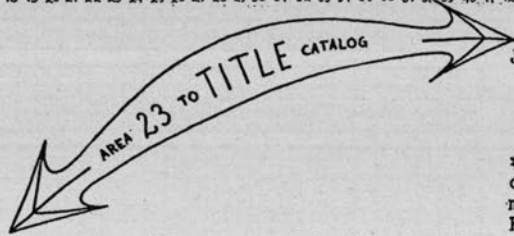
TRACINGS: TITLE CATALOG 45 20 25 30 35 40 45 50

CLASSICAL SYMPOSIA AND MONOGRAPHS OF THE IUH, NO.
5

CLASSIFICATION 40 45 20 25 30 35 40

B517.J6
80 0

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60



Papers [and] reports.
 JOINT Symposium on the Meaning of the Neoplatonic Doctrine of the Geometrical Intelligibility of Philosophical Truths, Durban, 1951.
 Papers [and] reports delivered at the
 ** Edited for the member organizations of the International Union for the Humanities by Count Joachim Ernst von Kielsheim-Möllendorff.
 Baden-Baden, Adel-Verlag, 1952-1954.
 3v. in 4. (Classical symposia and monographs of the IUH, no. 5)
 B517.J6

Classical symposia and monographs of the IUH, no. 5.
 JOINT Symposium on the Meaning of the Neoplatonic Doctrine of the Geometrical Intelligibility of Philosophical Truths, Durban, 1951.
 Papers [and] reports delivered at the
 ** Edited for the member organizations of the International Union for the Humanities by Count Joachim Ernst von Kielsheim-Möllendorff.
 Baden-Baden, Adel-Verlag, 1952-1954.
 3v. in 4. (Classical symposia and monographs of the IUH, no. 5)
 B517.J6

EXAMPLE 6

FLORIDA ATLANTIC UNIVERSITY LIBRARY CATALOG INPUT RECORD

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

MAIN ENTRY

JOINT SYMPOSIUM ON THE MEANING OF THE
NEOPLATONIC DOCTRINE OF THE GEOMETRICAL
INTELLIGIBILITY OF PHILOSOPHICAL TRUTHS,
DURBAN, 1951

CONVENTIONAL TITLE 40 45 20 25 35 40

TITLE AND EDITION 40 45 20 25 30 35 40

PAPERS [AND] REPORTS DELIVERED AT THE
** EDITED FOR THE MEMBER ORGANIZATIONS
OF THE INTERNATIONAL UNION FOR THE HU-
MANITIES BY COUNT JOACHIM ERNST VON
KIELSHEIM-MÖLLENDORFF

IMPRINT AND COLLATION (AND NOTES) 15 20 25 30 35 40

BADEN-BADEN, ADEL-VERLAG, 1952-1954.
3v. in 4. (CLASSICAL SYMPOSIA AND MONO-
GRAPHS OF THE IUH, NO. 5)

TRACINGS: SUBJECT CATALOG 45 20 25 30 40

NEOPLATONISM--CONGRESSES#GEOMETRY--PHILOSOPHY#KNOWLEDGE,
THEORY OF

TRACINGS: AUTHOR CATALOG 45 20 25 30 35 40

KIELSHEIM-MÖLLENDORFF, JOACHIM ERNST VON
1902- ED

TRACINGS: TITLE CATALOG 45 20 25 30 35 40

CLASSICAL SYMPOSIA AND MONOGRAPHS OF THE IUH, NO. 5

CLASSIFICATION 40 45 20 25 30 35 40

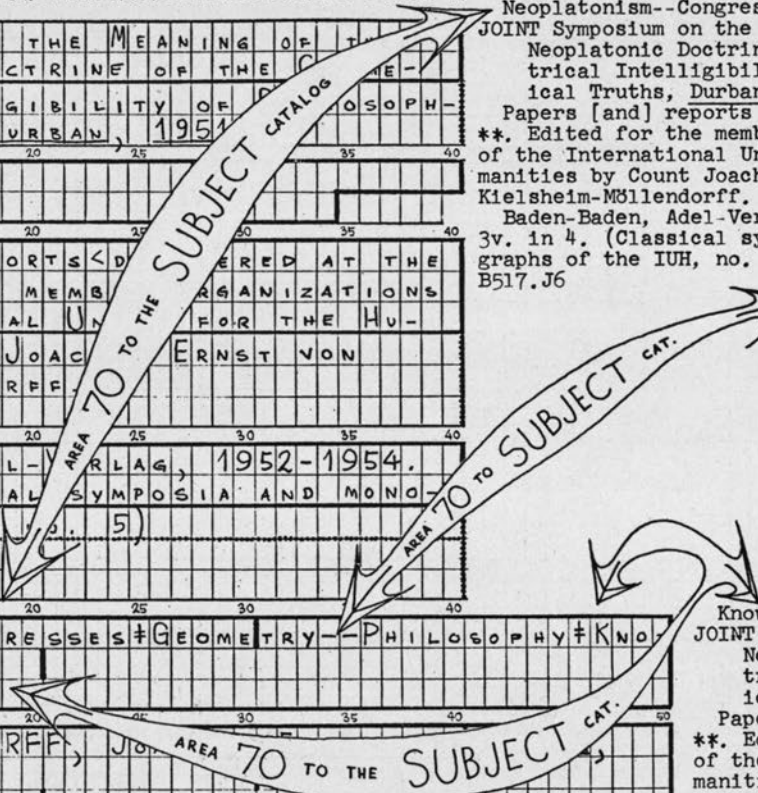
B517.J6

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

Neoplatonism--Congresses.
JOINT Symposium on the Meaning of the
Neoplatonic Doctrine of the Geometrical
Intelligibility of Philosophical Truths, Durban, 1951.
Papers [and] reports delivered at the
**. Edited for the member organizations
of the International Union for the Hu-
manities by Count Joachim Ernst von
Kielshheim-Möllendorff.
Baden-Baden, Adel-Verlag, 1952-1954.
3v. in 4. (Classical symposiz and mono-
graphs of the IUH, no. 5)
B517.J6

Geometry--Philosophy.
JOINT Symposium on the Meaning of the
Neoplatonic Doctrine of the Geometrical
Intelligibility of Philosophical Truths, Durban, 1951.
Papers [and] reports delivered at the
**. Edited for the member organizations
of the International Union for the Hu-
manities by Count Joachim Ernst von
Kielshheim-Möllendorff.
Baden-Baden, Adel-Verlag, 1952-1954.
3v. in 4. (Classical symposia and mono-
graphs of the IUH, no. 5)
B517.J6

Knowledge, Theory of.
JOINT Symposium on the Meaning of the
Neoplatonic Doctrine of the Geometrical
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3v. in 4. (Classical symposia and mono-
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FLORIDA ATLANTIC UNIVERSITY LIBRARY CATALOG INPUT RECORD

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v. 1, p. 392-461, in:																																																																					
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UNIFORM 3
ANONYM. CLAS. 4
TITLE 5
CITY CODE 6

COUNTRY CODE 11
PUBLISHER CODE 14

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W/TEXT 4
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2-TRACK 6
4-TRACK 7
8-TRACK 8

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COL. PLATE(S) 18
PORTRAIT(S) 19
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DIAGRAM(S) 21
CHART(S) 22
TABLE(S) 23
PLAN(S) 24
ATLAS 25
MAP(S) 26
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EXAMPLE 8

FLORIDA ATLANTIC UNIVERSITY LIBRARY CATALOG INPUT RECORD

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MAIN ENTRY
 AUROCH, GERTRUDE, 1922-

CONVENTIONAL TITLE 40 45

TITLE AND EDITION 40 45
 DOES PLATO'S GORGIAS ANTICIPATE THE
 CALCULUS OF PROBABILITIES?

IMPRINT AND COLLATION (AND NOTES) 45
 v. 1, p. 392-

TRACINGS: SUBJECT CATALOG 45
 PLATO. GORGIAS. PROBABILITIES

TRACINGS: AUTHOR CATALOG 45 20 25 30 35 40 45 50

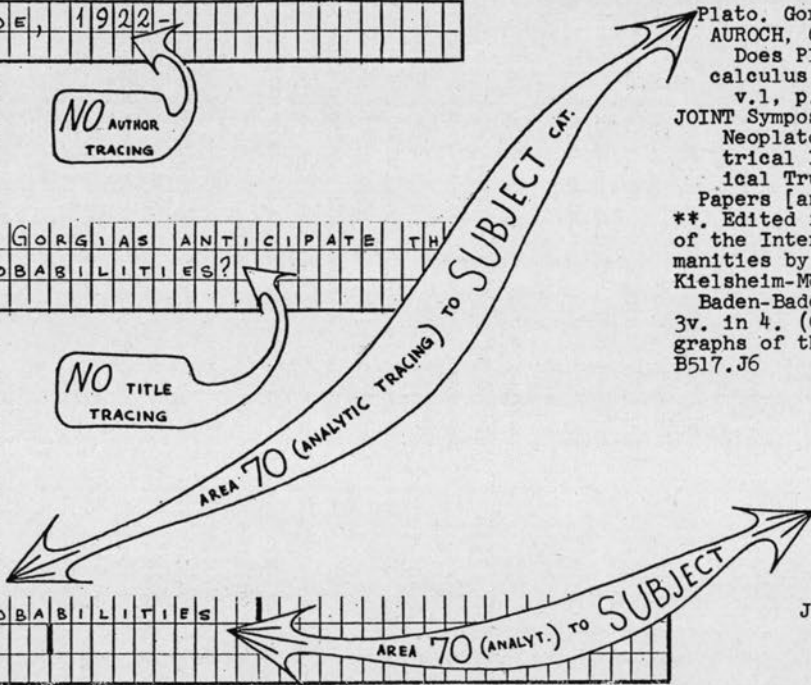
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CLASSIFICATION 40 45 20 25 30 35 40
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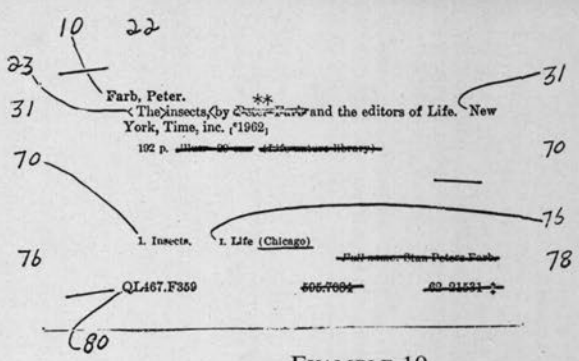
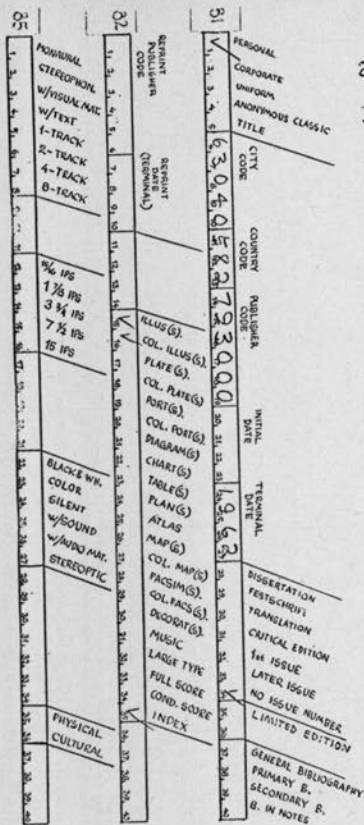
NO AUTHOR TRACING

NO TITLE TRACING



Plato. Gorgias.
 AUROCH, Gertrude, 1922.
 Does Plato's Gorgias anticipate the
 calculus of probabilities?
 v.1, p. 392-461, in:
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EXAMPLE 10

narrow: forty-eight characters (twenty-six upper case alphabetical, ten numerical, twelve punctuation and special, many of the latter unuseable for library purposes). By the addition of twenty-six lower case alphabetical characters, and by the substitution of twenty-two punctuation and diacritical characters for the normal twelve, we have devised a new print-gamut of eighty-eight characters, capable of reproducing all but a tiny fraction of the characters needed to catalog a multi-lingual research collection. This, it is hoped, will lift the stigma of mechanicalness and unsophistication from computer printing of library catalogs.

staff (as well as elimination of the possibility of unintended variation), increase of speed (with correspondingly smaller lag between current input and output), and better control than is possible with the conventional official card system. The disadvantages often pointed out are over-rigidity, low quality physical results, and the difficulty of changeover. These must be successfully synthesized in a working system that can serve as an efficient medium for research before the inertia of the majority of catalogers can be expected to break down.

There is another thesis and antithesis that must be synthesized: The thesis is "bibliographical integrity" (a phrase of Kilgour's), the good tradition of cataloging practice as built up over the long period of formulation of our "bibliographic string." The antithesis is the need, in a system which must build to a large volume of entries in a relatively short time, for the catalog to abandon its nonessential infatuation with "pure" bibliography, the need for a theory to emerge of the catalog as a finding list. This is not a finding list theory as a total antithesis to "pure" bibliography, since without bibliographical information there cannot be constructed a finding list with which to find bibliographical items, but it is rather a finding list theory as a synthesis be-

An important element in this resolution is a widening of the gamut of output print over that which many fear is a necessary concomitant of IBM implementation, or even of any computer-printer. The limitations of normal IBM print are

tween these poles. This is what Florida Atlantic University's system aims at; if it achieves this as well as the synthesis between the advantages and disadvan-

tages of the computer, the efforts at University of Illinois, Chicago and Florida Atlantic University will be vindicated. ■ ■

Cataloging for Document Retrieval at Florida Atlantic University

By CLAYTON D. HIGHUM

INCLUDED in the cataloging of library materials at Florida Atlantic University is a procedure which involves the coding of specific information for the purpose of later retrieval of these materials. This coding is done on the same transmittal sheet that is used for the descriptive cataloging of materials for the computer-produced book catalog. As is indicated in the form reproduced here, three forty-space columns are utilized for the coding of the desired information. The entire procedure may be described quite accurately as an expansion of the collation and imprint of a document. The reason for the forty-space columns instead of the eighty-space columns of the typical IBM data processing card is that the length of each column was determined somewhat by the availability of space on the transmittal sheet. Also, future expansion of the procedure will be possible without a complete reformatting of the transmittal sheet.

Some explanation for the use of the term "document" in this article might be in order. The reader will realize that the coding areas on the transmittal form include many elements not ordinarily associated with a document. First, for lack of a better term, "document" is used. Second, the retrieval discussed in this article includes types of materials other than the *typical* document. The library at Florida Atlantic University is an integral part of the Learning Resources Di-

Mr. Highum is Assistant Librarian in Cataloging at Florida Atlantic University.

vision, and as such the catalog will include all materials, book and nonbook, that comprise the collection of the entire division. Therefore, rather than attempting continually to differentiate among the many forms of material included on the coding sheet, the word "document" is being used as an all-inclusive term.

Most of the fields represented on the coding sheet are self-explanatory. Therefore, no detailed explanation will be given here. Detailed instructions have been developed, however, and are given to the catalogers to assist them in the coding.

In general terms, each labeled space that can be associated with the document being cataloged is either checked or filled with an appropriate, pre-established code. The only limit to the number of spaces checked is the document being cataloged. It is assumed that the catalogers will analyze each piece of material carefully enough to insure adequate coverage. Obviously, the more specific the analysis, the more meaningful and worthwhile a retrieval becomes to the patron. Some blank spaces have been left on the form to allow for future expansion or for the addition of elements that were forgotten or not justified for inclusion at the time the form was developed.

Field 1-5 in area 81 provides space for the indication of the type of main entry