DEEP CLASSIFICATION (4)

DEMONSTRATION (2)

(Continued from page 26)

S.R. Ranganathan

Demonstrates the application of an expressive, analytico-synthetic scheme of classification to the depth classification needed in documentation work. Three subjects are taken as “Guinea-Pigs”. For each the CC Number is constructed. UDC number is also constructed to demonstrate the limitations due to its being enumerative in the core and analytico-synthetic only in the periphery. The co-extensiveness of class numbers with subject and the length of CC and UDC numbers are compared.

The use of symbolic meta-language given in pp. 248-249 of the Depth classification (1953) ed by S.R. Ranganathan is also slightly demonstrated.

1 Document 1

STAFF-READING PROGRAMME

Describes the setting up of a programme for the staff of a city-library perusing periodicals during staff time as preparation for reference service.

II ANALYSIS

Starting Point-Single phase. Not local description.

<table>
<thead>
<tr>
<th>Symbolic Language</th>
<th>Natural Language</th>
<th>Focus</th>
<th>CC No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>(BC)</td>
<td>Basic Class</td>
<td>Library science</td>
<td>2</td>
</tr>
<tr>
<td>[P]</td>
<td>First Round First Level Personality</td>
<td>City</td>
<td>22</td>
</tr>
<tr>
<td>[E]</td>
<td>First Round Energy</td>
<td>Reference service</td>
<td>7</td>
</tr>
<tr>
<td>[2E]</td>
<td>Second Round Energy</td>
<td>Study</td>
<td>1</td>
</tr>
<tr>
<td>[3E]</td>
<td>Third Round Energy</td>
<td>Organisation (Common isolate)</td>
<td>q</td>
</tr>
</tbody>
</table>

12 SYNTHESIS

Class Number: - 222:7243: 1:q

13 NOTES

131 “Periodical” is a tool for reference service. It should therefore come in the round succeeding [E-7]. But [2P] for [E-7]
has not been enumerated. We have to construct a schedule. Reference service may consist of serving with any of the following:

1. Method of finding;
2. Reading material;
3. Information; and
4. Reading.

Some of the above digits are fixed mnemonically. Information is addition to memory. Mnemonic digit for memory is 3, as found in 'S Psychology'. The other digits are distributed according to the Principle of Later-in-Time. This article concerns reading material.

132 Schedule for [2E] is not enumerated. There are three essential stages in it: 1 preparation, 2 Service, and 3 Assimilation. Some of these are in anticipation. Some arise only after knowing the reader. “Reading” belongs to the former group. It is the first act in that group. So we denote it by 1.

133 The Posteriorising Energy Common Isolates have not been enumerated. But they can be made mnemonic with the Posteriorising Personality Common Isolates. This gives “q” for “Organisation”.

14 UDC

141 The core of UDC does not admit of facet analysis. The document does not present time or space or common subdivision or special analytical division isolate. Thus peripheral facets do not occur.

142 The subject attracts the enumerated “main classes” mentioned below. The DC is more detailed than UDC. Therefore the DC schedule is used.

(1) 027.4222 City. Library
(2) 023.525 Reading of librarians
(3) 075 Newspaper
(4) 025.5 Reference service

143 These should be forcibly treated as three phases of the
subject. They may be synthesised into the class number
023.525 : 025.5 : 0274.22 : 05

The above sequence of the phases is according to the pres-
scription that the phases should be assembled in the ascending se-
quence of ordinal values. This turns out to be an arbitrary decision made
in the notational plane without any sanction from the idea plane.

15 Comparison of Length

Number of digits in CC Number 12
Number of digits in UDC Number 26

16 Chain Procedure

The following class index entries are got by the chain procedure
from CC Number. The other links in the chain are not sought links.

1 Organisation. Reading. Periodicals
Reference service. City. Library 222 : 7243 : 1 : q

2 Reading. Periodicals. Reference service.
City. Library 222 : 7243 : 1

3 Periodicals. Reference service. City.
Library 222 : 7243

4 Reference service. City. Library 222 : 7

5 City. Library 222

6 Library science 2

161 Notes

“Periodical” on reference service and “Periodicals” as
material for reference service have to be distinguished. It is done
by using the plural form for the latter. The artificial language used
for subject heading proves incapable of making this distinction more
effectively, unless auxiliary words like “on” and “for” are introduced.
But one of the postulates for the construction of subject headings is
confinement to use of substantives only.

2 Document 2

Staff reading programme in Ahmedabad Public Library.

Describes the work in the Ahmedabad Public Library, along lines mentioned
in the abstract of document 1.
### 21 Analysis

Starting Point:—Single phase. Local description. Institution

<table>
<thead>
<tr>
<th>Symbolic Language</th>
<th>Natural Language</th>
<th>Focus</th>
<th>CC No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>[BC]</td>
<td>Basic Class</td>
<td>Library science</td>
<td>2</td>
</tr>
<tr>
<td>[P]</td>
<td>First Round First Level Personality</td>
<td>City</td>
<td>22</td>
</tr>
<tr>
<td>[S]</td>
<td>Space</td>
<td>India</td>
<td>44</td>
</tr>
<tr>
<td>[2P]</td>
<td>After-space, Posteriorising</td>
<td>Institution</td>
<td>c</td>
</tr>
<tr>
<td></td>
<td>Second Round First Level Personality,</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Common Isolate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[2P] (2A)</td>
<td>Second Order Array of the preceding</td>
<td>Ahmedabad</td>
<td>A</td>
</tr>
<tr>
<td>[2E]</td>
<td>First Round Energy</td>
<td>Reference service</td>
<td>7</td>
</tr>
<tr>
<td>[3E]</td>
<td>Third Round Energy</td>
<td>Study</td>
<td>1</td>
</tr>
<tr>
<td>[4E]</td>
<td>Fourth Round Energy</td>
<td>Organisation</td>
<td>q</td>
</tr>
</tbody>
</table>

### 22 Synthesis

Class Number:—222.44,cA :7243 :1 :q

### 23 Notes

231 The only difference between the CC number of document 1 and that of document 2 is the interpolation of the library number between 222 and 7243.

### 24 UDC

The UDC number for document 2 can be derived from that for document 1, by inserting the number for “Ahmedabad City” at the proper place. The number for Ahmedabad City is (54-201 Ahmedabad). Perhaps it may be added at the end. Then we get the number:

023.525 :025.5 :027 :422.2 :05 (54-201 Ahmedabad)

### 25 Comparison of Length

Number of digits in CC number 18
Number of digits in UDC number 24 + a word

### 26 Chain Procedure

Reference service. Ahmedabad
3 Document 3

Reading out periodicals to blind readers in a city library.

31 Analysis

Starting Point:—Single phase. Not local description.

<table>
<thead>
<tr>
<th>Symbolic Language</th>
<th>Natural Language</th>
<th>Focus</th>
<th>CC No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>[BC]</td>
<td>Basic Class</td>
<td>Library science</td>
<td>2</td>
</tr>
<tr>
<td>[P]</td>
<td>First Round First Level Personality</td>
<td>City</td>
<td>22</td>
</tr>
<tr>
<td>[P—]</td>
<td>First Round First Level Personality for autobias</td>
<td>Blind</td>
<td>68</td>
</tr>
<tr>
<td>[E]</td>
<td>First Round Energy</td>
<td>Reference Service</td>
<td>7</td>
</tr>
<tr>
<td>[2P—]</td>
<td>Second Round First Level Personality for autobias</td>
<td>Reading</td>
<td>4</td>
</tr>
</tbody>
</table>

32 Synthesis

Colon Class Number 222-68:7243-4

33 Notes

331 The document covers two isolates in one and the same facet, [P]. Therefore autobias device is used to make the isolate number in [P] co-extensive with the isolate idea in the document.
332 The document covers two isolates in [2P] also. Therefore autobias device is used to make the isolate number in [2P] co-extensive with the isolate idea involved in the document.

34 UDC

341 In UDC the subject attracts the following "main classes". DC is more detailed than UDC. Therefore the DC schedule is used.

(1) 027.422.2 City Library
(2) 027.663 Library for the blind
(3) 025.5 Help for readers
(4) 05 Periodical

342 These four should be forcibly treated as two phases of the subject. They may be synthesised into the class number 025.5:027.442:027.663:05

343 The number in the first phase means only Reference Service. It does not individualise "reading out".

344 CC number co-extensive with UDC number is 222-68:7243

35 LENGTH OF NUMBER

351 Number of digits in CC number co-extensive with subject 13
Number of digits in CC number co-extensive with UDC number 11
Number of digits in UDC number 23

36 CHAIN PROCEDURE

The following class index entries are got by chain procedure from CC Number. The other links in the chain are not sought links:

Blind. City. Library 222-68
City. Library 222
Library science 2

361 Use of the plural form "Periodicals" is for the same reason as in 261.