

**'EXISTENCE' AS A COMMON PROPERTY ISOLATES**  
(TECHNICAL NOTES 50)

*Abbreviation used :*

(BC)	= Basic Class	[M]	= Matter Facet
CC	= Colon Classification	[P]	= Personality Facet
[E]	= Energy Facet		

**1 Document 1**

Consider the document with the following title :

"Analysis of carbohydrates"

A perusal of the document indicated that the subject dealt with in it goes with the (BC) Chemistry. By Postulational Method [2].

*Step 1 : FULL TITLE*

In Chemistry, Analysis of carbohydrates

*Step 2 : KERNEL TITLE*

Chemistry. Analysis. Carbohydrates

*Step 3 : ANALYSED TITLE*

Chemistry (BC). Analysis [E] Carbohydrates [P]

*Step 4 : TRANSFORMED TITLE*

Chemistry (BC) Carbohydrate [P] Analysis [E]

*Step 5 : TITLE IN STANDARD TERMS*

Chemistry (BC) Carbohydrate [P] Analysis [E]

*Step 6 : TITLE IN FOCAL NUMBERS (according to CC)*

E (BC) 68 [P] 3 [E]

*Step 7 : TITLE IN SYNTHESISED FOCAL NUMBERS*

E68:3

*Step 8 : DIGIT BY DIGIT TRANSLATION*

E = Chemistry  
E6 = Aliphatic Compound  
E68 = Carbohydrate  
E68 : 3 = Analysis of Carbohydrate

This is coextensive with the subject of the document.

## 2 Document 2

Consider the document with the following title  
 "Analysis for Carbohydrates"

A perusal of the document indicated that the subject dealt with in it goes with the (BC) Chemistry. By Postulational Method [2].

*Step 1* : FULL TITLE

In Chemistry, Analysis for Carbohydrates

*Step 2* : KERNEL TITLE

Chemistry. Analysis. Carbohydrates

Thus the Kernel Title is just the same as in that for document 1. Therefore, the subsequent steps in the Postulational Method led to the synthesized Focal Number E68:3, which is the same as for document 1.

## 3 The Difference

This class number was not fully coextensive with the subject of document 2. Document 1 dealt with methods of analysing carbohydrate into its components. Document 2, on the other hand, dealt with such tests and procedures which would show the presence of carbohydrate. Chemical analysis is done for two purposes :

- 1 To analyse a substance into its constituents ; and
- 2 To identify the presence of a substance.

The two purposes may be closely related, but are distinguishable. The method of analysis to serve the two purposes may differ.

## 4 Dropping of Auxiliary Word

In the title of document 2, the dropping of the auxiliary word 'for' resulted in a failure to differentiate between the two subjects. It is, therefore, not an auxiliary word, or a puff [3]. What is required is to analyse the concepts implied by the use of the auxiliary term. After these concepts are named and brought into the Full Title it may be possible to drop the auxiliary term.

## 5 Correct Analysis

Thus, for document 2

*Step 1* : FULL TITLE

In Chemistry, Detection of the presence of Carbohydrates.

*Step 2* : KERNEL TITLE

Chemistry. Detection. Presence. Carbohydrate.

*Step 3* : ANALYSED TITLE

Chemistry (BC) Detection [E] Presence [M]  
 Carbohydrate [P]

*Step 4* : TRANSFORMED TITLE

Chemistry (BC) Carbohydrate [1P] Presence [M] Detection [E]

*Annotation* : The concepts 'Presence' (=existence) and 'absence' of an entity are deemed to be attributes or properties of that entity. An 'Attribute' is deemed to be a mani-

festation of the Fundamental Category 'Matter'. It is named 'Attribute Matter'. In 1960 a provisional schedule of Common Property Isolates was worked out (1). With the recent work of constructing a schedule of Common Energy Isolates separating the concept denoting Energy from the concepts denoting Personality, Matter etc,—the full import of Attribute Matter—that is, Common Property Isolates—in a given subject context, is being realised.

Thus, the class number for the subject dealt with in document 2 would be

E68;02:fN

E = Chemistry

E68 = Carbohydrate

02 = Existence (From the provisional schedule of Attribute Matter Isolates)

fN = Detection (From the provisional schedule of Common Energy Isolates)

"The Detection of the existence of carbohydrate" will be the translation of the class number. This is coextensive with the subject dealt with in document 2.

#### BIBLIOGRAPHICAL REFERENCES

- 1 Sec 5 RANGAMATHAN S R. Common property isolates. (An lib sc 7; 1960; 1-12).
- 2 Sec 2 —. Elements of library classification. Ed 3. 1962. Chap N.
- 3 Sec 4 RAGHAVENDRA M K and PARTHASARATHY V V. Puff in title. (*Herald lib sc* 3; 1964; p 328).

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