

Coding of REFERENCE and REL-REF

N. Otsuka, S. Dunaeva

Sometimes articles not directly relating to the data compiled are coded under REFERENCE:

Example:

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REFERENCE (J,PL/B,597,243,2004) Main Ref.
          (J,NIM/A,489,282,2002) Details of neutron beam facility
          (J,NIM/A,452,484,2000) MEDLEY exp.setup description
          (C,2004SANTA,1,688,200409) Graphs.
          (J,PR/C,74,054002,2006) Data confirmed in Fig.15.
          Details of experiment and data analysis.
```

In order to provide easy access to articles directly related to compiled data, the following change of the LEXFOR entry "Reference" is proposed:

Current rule:

All bibliographic references which contain information of importance directly relating to the data compiled in EXFOR ... may be coded under the keyword REFERENCE. ... Other related reference must not be coded under this keyword, but may be coded under the keyword REL-REF or MONIT-REF.

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Proposed revision

All bibliographic references which contain the preliminary or revised data compiled in EXFOR and/or parameters used to derive the data ... may be coded under the keyword REFERENCE. ... Other related reference must not be coded under this keyword, but may be coded under the keyword REL-REF or MONIT-REF.

The following two new codes are proposed for articles coded under REL-REF:

- | | |
|---|---|
| I | (Reference to experimental instruments)
General description of facility, detector etc. |
| M | (Reference to experimental technique)
General description of method, analysis etc. |

**Nuclear Data Section
International Atomic Energy Agency
P.O.Box 100, A-1400 Vienna, Austria**

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Subject: **Dictionary 17 (Related reference codes)**

There is no strict rule of the border between references coded under REFERENCE and REL-REF. LEXFOR explains that

All bibliographic references which contain information of importance directly relating to the data compiled in EXFOR ... may be coded under the keyword REFERENCE. ... Other related reference must not be coded under this keyword, but may be coded under the keyword REL-REF or MONIT-REF.

We would propose to change this part as follows:

All bibliographic references which contain the preliminary or revised data compiled in EXFOR ... may be coded under the keyword REFERENCE. ... Other related reference must not be coded under this keyword, but may be coded under the keyword REL-REF or MONIT-REF.

Then, the current related reference codes defined in the dictionary 17 are insufficient if compilers want to use REL-REF for references which give additional explanation to the numerical data in the entry (e.g. experimental instrumentation, method and analysis for derivation of experimental data in the entry, theoretical analysis of the experimental data in the entry).

We would propose the following new related reference code:

Dictionary 17 (Related reference codes)

- | | |
|---|---|
| I | (Reference to experimental instruments)
General description of facility, detector etc. |
| M | (Reference to experimental technique)
General description of method, analysis etc. |