

Update of EXFOR Formats Manual “REFERENCE”

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The following revision in the EXFOR Formats Manual “REFERENCE” is proposed. The main purpose of this revision is to reflect Conclusion 22 of the NRDC 2016 meeting “*The volume field will be absent under the keyword REFERENCE when the volume number of the journal does not exist. The absence of the field must be indicated by including the separating comma.*”.

We also propose to make the description more simple and consistent. “General coding forms” in the current manual shows several cases. But it does not show all possibilities and could be rather misleading. Therefore only the most general coding form is kept in this proposal as it is done for the other keywords in the manual.

Type of Reference = A or B or C; Conference Abstracts, Books, or Conferences.

The reference field may contain up to 4 subfields: code, volume, part, page (paper number).

General coding forms: (A or B or C,code,volume,(part),page(paper #),date)

~~(A or B or C,code,volume,page(paper #),date)~~

~~(A or B or C,code,,page(paper #),date)~~

~~(A or B or C,code,,date)~~

Code subfield: **contains** a code from Dictionary 7 (Conferences) or Dictionary 207 (Books). **This field must be present.**

Volume subfield: may have any content, except commas or parentheses. **~~This field is optional.~~ If omitted, the absence must be indicated by including the separating comma.**

Part subfield: **~~if present, it~~** is enclosed in parentheses and may have any content, except commas or parentheses. If omitted, the following comma is also omitted.

Page (paper number) subfield: **~~,if present,~~** contains the page number, which may be any contents except commas or parentheses, and/or the paper number, enclosed in parentheses, which may have any content, except commas or parentheses. If omitted, the following comma is **also** omitted.

Examples:

- a) (C,67KHARKOV,,(56),196702) = 1967 Kharkov Conference Proceedings, paper number 56, February 1967.
- b) (C,66WASH,1,456,196603) = 1966 Washington Conference Proceedings Volume No. 1, page 456, March 1966
- c) (B,ABAGJAN,,123,1964) = Book by Abagjan, page 123, published in 1964.
- d) (B,MARION,4,(1),157,1960) = Book by Marion, Volume 4, part 1, page 157, published in 1960.
- e) (C,77KIEV,,197704) = 1977 Kiev Conference, page and paper number unknown.
- f) (C,82ANTWERP,,131,198209) = 1982 Antwerp Conference Proceedings, page 131, September 1982

Date subfield. For reference type A or C, the date coded must always be the date of the conference itself, not the date of publication of the proceedings. The reason is that

sometimes an entry can be made from an abstract or poster obtained at the conference, prior to the publication of proceedings. (However, if the entry is made of proceedings published in a journal or in a regular report series, with reference types J or S, the date of this publication must be used.)

Type of Reference = J or K: Journals or Journal Abstracts. The reference field may contain up to 4 subfields: code, volume, issue#, page (paper #).¹

General coding forms: (J or K,code,volume,(issue #),page(paper #),date)
~~—————(J or K,code,volume,page(paper #),date)~~

Code subfield: contains a code from Dictionary 5. This field must be present.

Volume subfield: ~~the volume number~~; may have any content, except commas or parentheses. If omitted, the absence must be indicated by including the separating comma.

Issue # subfield²: ~~the issue number is~~ enclosed in parentheses; and may have any content, except commas or parentheses. ~~Must be present when it is necessary to identify the reference (e.g. several journals published in former Soviet Union. See Dictionary 3).~~ Otherwise, presence optional; if omitted, the following comma is also omitted.

Page (paper #) subfield: the page number, which may be any contents except commas or parentheses, and/or the paper #, enclosed in parentheses, which may have any content except commas or parentheses. If omitted, the following comma is also omitted.

Examples:

(J, PR, 104, 1319, 195612) = Phys. Rev. Volume 104, page 1319, December 1956
(J, NSE, 93, (4), 357, 1986) = Nucl. Sci. Eng. Volume 93, issue#4, page 357, 1986
(J, JNM, 122-123, 1071, 1984) = J. Nucl. Materials Volume 122-123, page 1071, 1984
(J, YK, 1985, (1), 69, 1985) = Yad. Konst. No. 1, page 69, 1985
(J, ZNJD, 1/7, 15, 2002) = Zbirnik Nauk. Inst. Yad. Doslidzhen No. 1 (7), page 15, 2002

Type of Reference = P or R or S or X: Progress Reports / Reports / Conference Reports / Preprint. The reference field for reports may contain up to 3 subfields: code number, volume/part, page (paper#).

General coding forms: ~~(P or R or S or X,code number,date)~~
~~—————(P or R or S or X,code number, page,date)~~
~~—————(P or R or S or X,code number,(volume/part),page,date)~~

¹ If some subfields cannot be filled for coding of articles in press, compiler may leave them blank. They should be filled as soon as possible when the article is published.

² The reference published in a journal can be typically identified without the issue number, but with some exceptions (e.g., some journals published in former USSR. See Dictionary 5).

(P or R or S or X,code-number,(volume/part),page(paper#),date)

Code-number subfield: contains a code ~~taken~~ from Dictionary 6³, and the number, which may have any format, but may not contain a comma (for example: 3058-39, 4648-MS, 66-12-9, 630-1X-A/PR). The separator between the code and the number is a hyphen⁴. **This field must be present.**

Volume or part subfield: may have any content, except commas or parentheses, and is enclosed in parentheses. ~~;~~If omitted, the following comma is also omitted.

Page (paper#) subfield: the page number, which may be any contents except commas or parentheses, and/or the paper#, enclosed in parenthesis. ~~;~~If omitted, the following comma is also omitted. If there are two works on a page they may be distinguished as described on preceding page; for example: 123(1) and 123(2).

Examples:

- a) (R,UCRL-5341,195806) = UCRL report number 5351, published in June 1958.
- b) (R,JINR-P-2713,196605) = Dubna report, series P, number 2713, published in May 1966.
- c) (P,WASH-1068,185,196603) = WASH progress report number 1068, page 185, published in March 1966.
- d) (R,BNL-325,(2A),1966) = a well-known, example for the Volume or Part field
- e) (R,EANDC-5,(2),(3),1965) = EANDC report number 5, volume 2, paper number 3, published in 1965
- f) (X,JINR-E6-2004-7,2004) = Dubna report, series E6, number 2004-7, published in 2004 as preprint.
- g) (X,NUCL-EX-0703035,2007) = Corenell Univ. preprint, series nucl-ex, number 0703035, published in 2007

Type of Reference = T or W: Thesis or Private Communication. The reference field may contain up to 2 subfields: author, page

General coding forms: ~~(W or T,author,date)~~
(W or T,author,page,date)

Author subfield: **contains** family name of the first author. **This field must be present.**

Page subfield: alphanumeric field. ~~;~~If omitted, the following comma is also omitted.

~~Note: Reference type X is used also for 'electronic preprints' available through the Internet.~~

Examples:

³ When coming across report codes in Dictionary 6, which differ significantly from what is shown on the report cover, submit an explanation by a memo for inclusion to the dictionary.

⁴ The hyphen acting as separator is included in Dictionary 6, except when the code itself is 11 characters long. For details on report codes and on the definition of the separator, see EXFOR/CINDA Dictionary Manual, Chapter 3.

- a) (W, BENZI, 19661104) = private communication from Benzi received on November 4, 1966.
- b) (T, ANONYMOUS, 58, 196802) = thesis by Anonymous, page 58, published in February 1968.

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