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Memo CP-D/478

Date: 6 December 2006
To: Distribution
From: S.Dunaeva and O. Schwerer
Subject: Journal code PR and general format of page number

1. We propose to change the coding of Phys. Rev. volumes 133-140 (before 1970) to a way compatible with Prola. This will supersede the way agreed earlier in Memo CP-D/384 (any way there are many mistakes in database).

For example instead of:

(J,PR,B135,330,1964) use (J,PR,135,B330,1964) - Entry O0166.

Several times I try to find through PROLA articles from these volumes (133-140) and found that in PROLA the proper reference to these article is:

Character B or A (even AB for ERRATA) before the page number, not volume number.

For example for vol. 135, if you look through PROLA you can find:

Physical Review
Volume 135
(July - September 1964)

[[Previous volume](#) | [Next volume](#) | [All Volumes](#)]

- [Issue 1A](#) (pA1-A286) -- 6 July 1964
- [Issue 1B](#) (pB1-B288) -- 13 July 1964
- [Issue 2A](#) (pA287-A542) -- 20 July 1964
- [Issue 2B](#) (pB289-B576) -- 27 July 1964
- [Issue 3A](#) (pA543-A830) -- 3 August 1964
- [Issue 3B](#) (pB577-B864) -- 10 August 1964
- [Issue 4A](#) (pA831-A1150) -- 17 August 1964

- [Issue 4B](#) (pB865-B1088) -- 24 August 1964
- [Issue 5A](#) (pA1151-A1470) -- 31 August 1964
- [Issue 5B](#) (pB1089-B1280) -- 7 September 1964
- [Issue 6A](#) (pA1471-A1790) -- 14 September 1964
- [Issue 6B](#) (pB1281-B1488) -- 21 September 1964
- [Issue 7AB](#) (pAB1-AB3) -- 28 September 1964

Be careful, this decision concerns only vol.133-140 (published in 1964-1965), because from 1970 Publisher started series of Phys.Review: A,B,C,D, which in EXFOR are coded as: PR/A; PR/B,PR/C, PR/D with numerical page number.

We prepared the list of references, where we need to make changes. In this file the references are given in two forms: how they now exist in EXFOR and how it will look like after correction. We can do it centrally, because now we have one unique Index file or you can include them in retransmissions.

	ENTRY	REFERENCE NOW	PROPER REF.
1.	20105	J,PR,B133,925,196402	J,PR,133,B925,196402
2.	20106	J,PR,B137,878,196502	J,PR,137,B878,196502
3.	20794	J,PR,B133,1403,1964	J,PR,133,B1403,1964
4.	21080	J,PR,B140,835,196511	J,PR,140,B835,196511
5.	21252	J,PR,B133,1403,196403	J,PR,133,B1403,196403
6.	21387	J,PR,B139,852,196508	J,PR,139,B852,196508
7.	30191	J,PR/B,139,331,6507	J,PR,139,B331,6507
8.	30405	J,PR/B,135,(1),99,6407	J,PR,135,(1),B99,6407
9.	A1092	J,PR,B136,1632,196412	J,PR,136,B1632,196412
10.	A1095	J,PR,B133,1178,196403	J,PR,133,B1178,196403
11.	A1381	J,PR,B133,71,196401	J,PR,133,B71,196401
12.	A1382	J,PR,B133,1183,196403	J,PR,133,B1183,196403
13.	A1383	J,PR,B136,1741,196412	J,PR,136,B1741,196412
14.	A1384	J,PR,B139,904,196508	J,PR,139,B904,196508
15.	A1429	J,PR,B136,953,196411	J,PR,136,B953,196411
16.	A1500	J,PR,B137,499,196502	J,PR,137,B499,196502
17.	C0085	J,PR/B,135,706,196408	J,PR,135,B706,196408
18.	C0185	J,PR,B133,911,1964	J,PR,133,B911,1964
19.	C0236	J,PR/B,139,1513,1965	J,PR,139,B1513,1965
20.	C0270	J,PR/B,135,122,64	J,PR,135,B122,64
21.	C0292	J,PR/B,140,1549,65	J,PR,140,B1549,65
22.	C0334	J,PR/B,133,310,64	J,PR,133,B310,64
23.	C0335	J,PR/B,136,425,64	J,PR,136,B425,64

24.	C0349	J,PR/B,136,1359,64	J,PR,136,B1359,64
25.	C0366	J,PR/B,133,384,64	J,PR,133,B384,64
26.	C0383	J,PR/B,134,783,64	J,PR,134,B783,64
27.	C0384	J,PR/B,137,367,65	J,PR,137,B367,65
28.	C0387	J,PR/B,140,623,65	J,PR,140,B623,65
29.	C0468	J,PR/B,136,941,196411	J,PR,136,B941,196411
30.	C0571	J,PR/B,135,669,1964	J,PR,135,B669,1964
31.	C0572	J,PR/B,135,1105,196409	J,PR,135,B1105,196409
32.	C0703	J,PR/B,133,907,196402	J,PR,133,B907,196402
33.	C0713	J,PR/B,135,401,196407	J,PR,135,B401,196407
34.	C0714	J,PR/B,136,1333,196412	J,PR,136,B1333,196412
35.	C0715	J,PR/B,137,826,196502	J,PR,137,B826,196502
36.	C0718	J,PR/B,139,886,1965	J,PR,139,B886,1965
37.	C0750	J,PR/B,134,1237,196406	J,PR,134,B1237,196406
38.	C0752	J,PR/B,140,616,196511	J,PR,140,B616,196511
39.	C1015	J,PR,133,(3B),647,1964	J,PR,133,(3),B647,1964
40.	C1221	J,PR,133,(B),323,1964	J,PR,133,(2),B323,1964
41.	F0129	J,PR/B,137,1504,196503	J,PR,137,B1504,196503
42.	F0274	J,PR/B,138,560,196505	J,PR,138,B560,196505
43.	F0275	J,PR/B,135,892,196408	J,PR,135,B892,196408
44.	F0309	J,PR/B,137,1466,196503	J,PR,137,B1466,196503
45.	F0332	J,PR/B,139,818,196508	J,PR,139,B818,196508
46.	F0422	J,PR/B,134,110,196404	J,PR,134,B110,196404
47.	L0005	J,PR/B,133,869,1964	J,PR,133,B869,1964
48.	L0006	J,PR/B,133,1149,196403	J,PR,133,B1149,196403
49.	L0007	J,PR/B,136,126,6410	J,PR,136B,126,6410
50.	L0112	J,PR,B133,869,1964	J,PR,133,B869,1964
51.	L0122	J,PR,B137,576,1965	J,PR,137,B576,1965
52.	M0322	J,PR/B,133,(3),660,64	J,PR,133,(3),B660,64
53.	M0469	J,PR,B133,117,1964	J,PR,133,B117,1964
54.	M0470	J,PR,138B,372,65	J,PR,138,B372,65
55.	O0166	J,PR,B135,330,1964	J,PR,135,B330,1964
56.	O0302	J,PR,B140,1237,196512	J,PR,140,B1237,196512
57.	O0368	J,PR,B140,575,1965	J,PR,140,B575,1965
58.	O0429	J,PR,B133,1507,1964	J,PR,133,B1507,1964
59.	O0430	J,PR,133B,323,1964	J,PR,133,B323,1964
60.	O0431	J,PR,133B,317,1964	J,PR,133,B317,1964
61.	O0450	J,PR,B138,572,1965	J,PR,138,B572,1965
62.	O0479	J,PR,B140,1237,1965	J,PR,140,B1237,1965
63.	O0492	J,PR,B137,284,1965	J,PR,137,B284,1965
64.	O0493	J,PR,B137,347,1965	J,PR,137,B347,1965
65.	P0004	J,PR/B,135,669,1964	J,PR,135,B669,1964
66.	P0085	J,PR/B,137,1508,1965	J,PR,137,B1508,1965
67.	P0095	J,PR/B,136,415,1964	J,PR,136,B415,1964
68.	P0140	J,PR/B,136,941,196411	J,PR,136,B941,196411

69.	R0047	J,PR,B133,(5),1165,196403	J,PR,133,(5),B1165,196403
70.	T0044	J,PR/B,133,1471,196403	J,PR,133,B1471,196403
71.	T0126	J,PR/B,136,1719,196412	J,PR,136,B1719,196412
72.	T0268	J,PR/B,133,590,1964	J,PR,133,B590,1964

2. The reason for the coding of PR as proposed in CP-D/384, and for some other special coding rules for particular journals, was the restriction that page numbers had to be numeric, which means that page numbers such as B330 would be illegal.

This understanding of the page number format is still built into the CHEX program but it is weakened by an ambiguous wording in the EXFOR manual.

On the bottom of page 7.22 it says about the page number in a journal code:

"Page (paper#) subfield: the page number, and/or the paper #, enclosed in parentheses, which may have any content except commas or parentheses."

The "any content" part of this sentence was recently interpreted to refer to both the page number and the paper number.

But when we compare the wording with the explanation of paper number for other reference types such as conferences or reports, it turns out the page number was supposed to be numeric for all reference types.

However, for the sake of compatibility with the actual publications and online archives, we propose to lift the restriction of numeric page numbers for all reference types and to allow alphanumeric page numbers such as B330 for all references.

If we hear of no disagreement, we will introduce this change in both the check program and the manual.

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