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Memo CP-D/384

Date: 23 February 2004
To: Distribution
From: O. Schwerer

Subject: Journal code PR/B (Reply to CP-E/033-Revised)

The journal PR/B (Physical Review Part B, Condensed Matter) started publication with Vol.1 in 1970 and is still published. Therefore I hesitate to modify a correct expansion in the dictionary.

The confusion probably comes from the fact that, as explained in CP-E/033, Volumes 133 to 140 (all before 1970) came in Sections A and B, before the start of the "real" PR/B.

1) A possible solution would be to change all those REFERENCE entries in EXFOR using the codes PR/B for publications before 1970. For example (entry C0387):

REFERENCE (J , PR / B , 140 , 623 , 1965) could be changed to
(J , PR , B140 , 623 , 1965)

(The Volume field can have any content, while the page field must be numeric).

Of course, compilers would have remember that the second way of coding applies **only** to Volumes 133 through 140. Any Phys.Rev.B entries from **1970 and later** must be coded with **PR/B**. Since both ways of coding are formally correct, this distinction will not be found by the check program.

2) Since correcting all affected entries is probably not a small job, an easier solution is to simply remove the words "Condensed Matter" from the full expansion of PR/B, with the understanding that Phys.Rev. Part B would be interpreted as either Section B of Phys.Rev., Second Series (before 1970), or as the "new" Phys.Rev. Part B, Condensed Matter (starting with Vol.1, 1970).

Since Phys.Rev is a US journal, NNDC is asked to comment on this. The problem must have been known all along, but I don't remember any earlier decision on it.

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