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Memo CP-D/401

Date: 22 June 2004
To: Distribution
From: O. Schwerer

Subject: **EXFOR and CINDA entries for pre-1970 articles from Phys.Rev.B**

Reference: **Memo CP-D/384**

We received feedback from NNDC about the problem with the two "Phys.Rev.B" series (first series in the 1960s, second started in 1970, see CP-D/384). Since this is an area 1 journal, we will use the solution preferred by NNDC, i.e. the first option suggested in CP-D/384.

This means that the volumes 133 through 140 of "Phys.Rev., Part B" published in the mid-1960s must be (re)coded **not** with the journal code PR/B but with the extinct code **PR** and B as part of the volume number:

(J , PR , B140 , 623 , 1965)

The code **PR/B** will be reserved for the "real" Phys.Rev.B which started with Vol.1 in 1970. The expansion "Physical Review B, Condensed matter" can therefore be kept.

There are 105 Exfor entries with a REFERENCE entry of **PR/B** from before 1970 (two thirds are entries from NNDC, the rest are a few each from most of the other centres). They all must be changed this way (J,PR,Bnnn,...). A list of the affected entries, sorted by accession number, is attached. All centers concerned are requested to retransmit the appropriately corrected first subentries.

In **CINDA** the same correction should be done, for all affected CINDA lines (not only those blocked with these EXFOR entries). Possible (only) in CINDA2001 where alphanumerical volume numbers are allowed.

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Appendix: EXFOR entries with REFERENCE = PR/B before 1970

-
- 1) AUTHOR: C.T.Hibdon
CODE: J,PR/B,133,353,6401
EXFOR: #11122
-
- 2) AUTHOR: R.O.Lane, A.J.Elwyn, A.Langsdorf Jr
CODE: J,PR/B,136,1710,6412
EXFOR: #11170
-
- 3) AUTHOR: R.O.Lane, A.J.Elwyn, A.Langsdorf Jr
CODE: J,PR/B,133,409,6401
EXFOR: #11237
-
- 4) AUTHOR: R.L.Macklin, J.H.Gibbons
CODE: J,PR/B,140,324,6510
EXFOR: #11243
-
- 5) AUTHOR: D.B.Fossan, R.A.Chalmers, L.F.Chase Jr, S.R.Salisbury
CODE: J,PR/B,135,1347,6409
EXFOR: #11333
-
- 6) AUTHOR: A.Stolovy
CODE: J,PR/B,134,68,6404
EXFOR: #11436
-
- 7) AUTHOR: F.J.Shore, C.A.Reynolds, V.L.Sailor, G.Brunhart
CODE: J,PR/B,138,1361,6506
EXFOR: #11440
-
- 8) AUTHOR: D.J.Bredin
CODE: J,PR/B,135,412,6407
EXFOR: #11496
-
- 9) AUTHOR: R.L.Macklin, P.J.Pasma, J.H.Gibbons
CODE: J,PR/B,136,695,196411
EXFOR: #11575
-
- 10) AUTHOR: R.E.Cote, L.M.Bollinger, G.E.Thomas
CODE: J,PR/B,134,1047,6406
EXFOR: #11678
-
- 11) AUTHOR: A.B.Tucker, J.T.Wells, W.E.Meyerhof
CODE: J,PR/B,137,1181,6503
EXFOR: #11720
-
- 12) AUTHOR: S.R.Salisbury, R.A.Chalmers
CODE: J,PR/B,140,305,6510
EXFOR: #11721
-
- 13) AUTHOR: A.B.Smith, C.A.Engelbrecht, D.Reitmann
CODE: J,PR/B,135,76,6407
EXFOR: #11749
-
- 14) AUTHOR: H.A.Grench

CODE: J,PR/B,140,1277,6512
EXFOR: #11765

15) AUTHOR: G.Brunhart, H.Postma, V.L.Sailor
CODE: J,PR/B,137,1484,6503
EXFOR: #11771

16) AUTHOR: J.L.Meason, P.K.Kuroda
CODE: J,PR/B,138,1390,6506
EXFOR: #11816

17) AUTHOR: J.B.Garg, W.W.Havens Jr, J.Rainwater
CODE: J,PR/B,136,177,6410
EXFOR: #11824

18) AUTHOR: S.A.Cox
CODE: J,PR/B,133,378,6401
EXFOR: #11835

19) AUTHOR: R.E.Cote, L.M.Bollinger, G.E.Thomas
CODE: J,PR/B,136,703,6411
EXFOR: #11836

20) AUTHOR: K.G.Broadhead, D.E.Shanks, H.H.Heady
CODE: J,PR/B,139,1525,6509
EXFOR: #11874

21) AUTHOR: A.P.Jain, R.E.Chrien, J.A.Moore, H.Palevsky
CODE: J,PR/B,137,83,6501
EXFOR: #11904

22) AUTHOR: J.B.Garg, J.Rainwater, W.W.Havens Jr
CODE: J,PR/B,137,547,6502
EXFOR: #11905

23) AUTHOR: J.Kantele, M.Karras
CODE: J,PR/B,135,9,6407
EXFOR: #12003

24) AUTHOR: K.Takahashi, M.Mc Keown, G.Scharff-Goldhaber
CODE: J,PR/B,137,763,6502
EXFOR: #12117

25) AUTHOR: R.Wagner, P.D.Miller, T.Tamura, H.Marshak
CODE: J,PR/B,139,29,6507
EXFOR: #12133

26) AUTHOR: K.Takahashi, M.Mckeown, G.Scharff-Goldhaber
CODE: J,PR/B,136,18,6410
EXFOR: #12173

27) AUTHOR: J.B.Garg, J.Rainwater, J.S.Petersen, W.W.Havens Jr
CODE: J,PR/B,134,985,6406
EXFOR: #12278

28) AUTHOR: E.Haddad, S.J.Freisenhahn, F.H.Frohner, W.M.Lopez
CODE: J,PR/B,140,50,6510
EXFOR: #12279

29) AUTHOR: M.Walt, And D.B.Fossan
YEAR: 1965
CODE: J,PR/B,137,629,6502
EXFOR: #12379

30) AUTHOR: M.S.Moore, O.D.Simpson, T.Watanabe, J.E.Russell,
CODE: J,PR/B,135,945,6408
EXFOR: #12545

31) AUTHOR: R.E.Cote, R.F.Barnes, H.Diamond
CODE: J,PR/B,134,1281,6406
EXFOR: #12570

32) AUTHOR: W.E.Tucker
CODE: J,PR/B,140,1541,6512
EXFOR: #12676

33) AUTHOR: G.P.Ford, R.B.Leachman
CODE: J,PR/B,137,(4),826,6502
EXFOR: #13077

34) AUTHOR: D.R.Nethaway, H.B.Levy
CODE: J,PR/B,139,1505,6509
EXFOR: #13078

35) AUTHOR: D.G.Sarantites, G.E.Gordon, C.D.Coryell
CODE: J,PR/B,138,353,6504
EXFOR: #13080

36) AUTHOR: H.W.Schmitt, W.E.Kiker, C.W.Williams
CODE: J,PR/B,137,(4),837,6502
EXFOR: #13081

37) AUTHOR: H.V.Weiss
CODE: J,PR/B,139,304,6507
EXFOR: #13082

38) AUTHOR: K.Wolfsberg
CODE: J,PR/B,137,929,65
EXFOR: #13084

39) AUTHOR: K.M.Broom
CODE: J,PR/B,133,874,6402
EXFOR: #13095

40) AUTHOR: D.E.Troutner, A.C.Wahl, R.L.Ferguson
CODE: J,PR/B,134,1027,6406
EXFOR: #13096

41) AUTHOR: R.B.Leachman, L.Blumberg
CODE: J,PR/B,137,814,196502
EXFOR: #13708

42) AUTHOR: J.E.Simmons, R.B.Perkins, R.L.Henkel
CODE: J,PR/B,137,809,196502
EXFOR: #13712

43) AUTHOR: A.S.Carroll, P.M.Patel, N.Strax, D.Miller
CODE: J,PR/B,134,595,196405

EXFOR: #13797

44) AUTHOR: R.E.Cote, H.E.Jackson Jr, L.L.Lee Jr, J.P.Schiffer
CODE: J,PR/B,135,52,196407
EXFOR: #13816

45) AUTHOR: J.Als-Nielsen, O.Dietrich
CODE: J,PR/B,133,925,6402
EXFOR: #20105

46) AUTHOR: B.Grimeland, E.Kjellsby, J.Vines
CODE: J,PR/B,137,878,6502
EXFOR: #20106

47) AUTHOR: D.S.Mather, L.F.Pain
CODE: R,AWRE-O-47/,69,6908
EXFOR: #20794

48) AUTHOR: G.C.Bonazzola, E.Chiavassa, T.Bressani
CODE: J,PR/B,140,835,6511
EXFOR: #21080

49) AUTHOR: P.Fieldhouse, E.R.Culliford, D.S.Mather, M.H.Mctaggart,
CODE: J,JNE,20,549,6607
EXFOR: #21252

50) AUTHOR: E.E.Maslin, J.A.Moore, J.M.A.Reichelt, J.B.Crowden
CODE: J,PR/B,139,852,6508
EXFOR: #21387

51) AUTHOR: V.Valkovic, G.Paic, I.Slaus, P.Tomas, M.Cerineo
CODE: J,PR/B,139,331,6507
EXFOR: #30191

52) AUTHOR: R.E.Shamu, J.G.Jenkin
CODE: J,PR/B,135,(1),99,6407
EXFOR: #30405

53) AUTHOR: G.G.Ohlsen, P.G.Young
CODE: J,PR/B,136,1632,196412
EXFOR: #A1092

54) AUTHOR: D.G.Mcdonald, W.Haeberli, L.W.Morrow
CODE: J,PR/B,133,(5),1178,196403
EXFOR: #A1095

55) AUTHOR: P.Fessenden, D.R.Maxson
CODE: J,PR/B,133,(1),71,196401
EXFOR: #A1381

56) AUTHOR: C.H.Johnson, C.C.Trail
CODE: J,PR/B,133,(5),1183,196403
EXFOR: #A1382

57) AUTHOR: M.Manalis, J.E.Henkel
CODE: J,PR/B,136,(6),1741,196412
EXFOR: #A1383

58) AUTHOR: W.L.Imhof, L.F.Chase, Jr., D.B.Fossan

CODE: J,PR/B,139,(4),904,196508
EXFOR: #A1384

59) AUTHOR: J.L.C.Ford, Jr.
CODE: J,PR/B,136,(4),953,196411
EXFOR: #A1429

60) AUTHOR: P.Paul, S.L.Blatt, D.Kohler
CODE: J,PR/B,137,(3),499,196502
EXFOR: #A1500

61) AUTHOR: J.B.Ball, C.B.Fulmer, R.H.Bassel
CODE: J,PR/B,135,706,6408
EXFOR: #C0085

62) AUTHOR: R.H.Stelson, F.K.Mcgowan
CODE: J,PR/B,133,911,19640224
EXFOR: #C0185

63) AUTHOR: I.Dostrovsky, R.Davis, Jr., A.M.Poskanzer, P.L.Reeder
CODE: J,PR/B,139,1513,65
EXFOR: #C0236

64) AUTHOR: N.T.Porile, S.Tanaka
CODE: J,PR/B,135,122,64
EXFOR: #C0270

65) AUTHOR: S.Katcoff, E.W.Baker, N.T.Porile
CODE: J,PR/B,140,1549,65
EXFOR: #C0292

66) AUTHOR: N.T.Porile, L.B.Church
CODE: J,PR/B,133,310,64
EXFOR: #C0334

67) AUTHOR: R.G.Korteling, E.K.Hyde
CODE: J,PR/B,136,425,64
EXFOR: #C0335

68) AUTHOR: S.Meloni, J.B.Cumming
CODE: J,PR/B,136,1359,64
EXFOR: #C0349

69) AUTHOR: W.R.Pierson, N.Sugarman
CODE: J,PR/B,133,384,64
EXFOR: #C0366

70) AUTHOR: M.Blann, A.Ewart
CODE: J,PR/B,134,783,64
EXFOR: #C0383

71) AUTHOR: M.Blann, G.Merkel
CODE: J,PR/B,137,367,65
EXFOR: #C0384

72) AUTHOR: J.B.J.Read, J.M.Miller
CODE: J,PR/B,140,623,65
EXFOR: #C0387

73) AUTHOR: R.D.Macfarlane
CODE: J,PR/B,136,941,196411
EXFOR: #C0468

74) AUTHOR: T.Sikkeland
CODE: J,PR/B,135,669,1964
EXFOR: #C0571

75) AUTHOR: L.Winsberg
CODE: J,PR/B,135,1105,196409
EXFOR: #C0572

76) AUTHOR: F.K.Mcgowan, P.H.Stelson, W.G.Smith
CODE: J,PR/B,133,907,196402
EXFOR: #C0703

77) AUTHOR: C.T.Bishop, J.R.Huizenga, J.P.Hummel
CODE: J,PR/B,135,401,196407
EXFOR: #C0713

78) AUTHOR: J.E.Gindler, G.L.Bate, J.R.Huizenga
CODE: J,PR/B,136,1333,196412
EXFOR: #C0714

79) AUTHOR: G.P.Ford, R.B.Leachman
CODE: J,PR/B,137,826,196502
EXFOR: #C0715

80) AUTHOR: T.Matsuo, J.M.Matuszek, N.D.Dudey, T.T.Sugihara
CODE: J,PR/B,139,886,1965
EXFOR: #C0718

81) AUTHOR: D.Powers, J.K.Bair, J.L.C.Ford Jr, H.B.Willard
CODE: J,PR/B,134,1237,196406
EXFOR: #C0750

82) AUTHOR: B.K.Barnes, T.A.Belote, J.R.Risser
CODE: J,PR/B,140,616,196511
EXFOR: #C0752

83) AUTHOR: B.D.Walker, C.Wong, J.D.Anderson, J.W.Mcclure
CODE: J,PR/B,137,1504,196503
EXFOR: #F0129

84) AUTHOR: A.Gallmann, F.Hibou, P.Fintz, P.E.Hodgson, E.K.Warburton
CODE: J,PR/B,138,560,196505
EXFOR: #F0274

85) AUTHOR: R.M.Tisinger, P.W.Keaton, G.E.Owen
CODE: J,PR/B,135,892,196408
EXFOR: #F0275

86) AUTHOR: S.Gorodetzky, A.Gallmann, R.Rebmeister
CODE: J,PR/B,137,1466,196503
EXFOR: #F0309

87) AUTHOR: R.E.Segel, S.S.Hanna, R.G.Allas
CODE: J,PR/B,139,818,196508
EXFOR: #F0332

88) AUTHOR: D.S.Gemmell, J.R.Erskine, J.P.Schiffer
CODE: J,PR/B,134,110,196404
EXFOR: #F0422

89) AUTHOR: R.L.Bramlett, J.T.Caldwell, R.R.Harvey, S.C.Fultz
CODE: J,PR/B,133,869,1964
EXFOR: #L0005

90) AUTHOR: S.C.Fultz, R.L.Bramlett, J.T.Caldwell, R.R.Harvey
CODE: J,PR/B,133,1149,196403
EXFOR: #L0006

91) AUTHOR: R.R.Harvey, J.T.Caldwell, R.L.Bramlett, S.C.Fultz
CODE: J,PR/B,136,126,6410
EXFOR: #L0007

92) AUTHOR: S.F.Mughabghab, W.E.Stephens
CODE: J,PR/B,133,(3),660,64
EXFOR: #M0322

93) AUTHOR: T.Stovall, N.M.Hintz
CODE: J,PR/B,135,330,64
EXFOR: #O0166

94) AUTHOR: P.G.Roos, N.S.Wall
CODE: J,PR/B,140,(5),1237,6512
EXFOR: #O0302

95) AUTHOR: R.E.Pollock, G.Schrank
CODE: J,PR/B,140,575,65
EXFOR: #O0368

96) AUTHOR: A.M.Poskanzer, L.P.Remsberg, S.Katcoff, J.B.Cumming
CODE: J,PR/B,133,1507,1964
EXFOR: #O0429

97) AUTHOR: L.P.Remsberg
CODE: J,PR/B,138,572,1965
EXFOR: #O0450

98) AUTHOR: P.G.Roos, N.S.Wall
CODE: J,PR/B,140,1237,1965
EXFOR: #O0479

99) AUTHOR: R.A.Blue, W.Haeberli
CODE: J,PR/B,137,284,1965
EXFOR: #O0492

100) AUTHOR: B.D.Walker, C.Wong, J.D.Anderson, J.W.Mcclure, R.W.Bauer
CODE: J,PR/B,137,347,1965
EXFOR: #O0493

101) AUTHOR: J.H.Gibbons, R.L.Macklin
CODE: J,PR/B,137,1508,1965
EXFOR: #P0085

102) AUTHOR: E.Sandoval, E.Paez
CODE: J,PR/B,136,415,1964

EXFOR: #P0095

103) AUTHOR: G.L.Bate, J.R.Huizenga
CODE: J,PR/B,133,1471,196403
EXFOR: #T0044

104) AUTHOR: C.H.Johnson, C.C.Trail, A.Galonsky
CODE: J,PR/B,136,1719,196412
EXFOR: #T0126

105) AUTHOR: J.A.Weinman, L.Meyer-Schutzmeister, L.L.Lee Jr
CODE: J,PR/B,133,590,1964
EXFOR: #T0268