

26. M. H. Aven, R. C. Craig, T. R. Waite, and W. E. Wallace, *Phys. Rev.* **102**, 1263 (1956).
27. C. H. Cheng, K. P. Gupta, E. C. van Reuth, and P. A. Beck, *Phys. Rev.* **129**, 2030 (1962).
28. C. B. Satterthwaite, W. S. Corak, B. B. Goodman, and A. Wexler, *Phys. Rev.* **99**, 1660 (1955); also see **102**, 656 (1956).
29. R. D. Worley, M. W. Zemansky, and H. A. Boorse, *Phys. Rev.* **99**, 447 (1955).
30. R. J. Corruccini and J. J. Gniewek, *Natl. Bur. Std. (U.S.), Monograph* **21**, (1960).
31. A. R. Edwards, J. I. Nish, and H. L. Wain, *Met. Rev.* **4**, 403 (1959).
32. K. Clusius and P. Franzosini, *Z. Naturforsch.* **17a**, 522 (1962).
33. S. Shinozaki, A. Arrott, H. Sato, and J. E. Zimmerman, *Bull. Am. Phys. Soc.* **8**, 66 (1963).
34. R. J. Weiss and K. J. Tauer, *Phys. Chem. Solids* **4**, 135 (1958).
35. J. E. Zimmerman and H. Sato, *Phys. Chem. Solids* **21**, 71 (1961).
36. C. H. Cheng, C. T. Wei, and P. A. Beck, *Phys. Rev.* **120**, 426 (1960).
37. J. A. Rayne and B. S. Chandrasekhar, *Phys. Rev.* **122**, 1714 (1961).
38. W. H. Keesom and B. Kurrelmeyer, *Physica* **6**, 364 (1939).
39. G. Duyckaerts, *Physica* **6**, 401 (1939).
40. R. A. Erickson and C. V. Heer, *Proc. 5th Intern. Conf. Low Temp. Phys. Chem., Madison, Wisconsin, 1957*, p. 40S. Univ. of Wisconsin Press, Madison, Wisconsin, 1958.
41. W. H. Keesom and C. W. Clark, *Physica* **2**, 513 (1935).
42. K. Clusius and J. Goldman, *Z. Physik. Chem.* **B31**, 256 (1936).
43. J. A. Rayne and W. R. G. Kemp, *Phil. Mag. [8]* **1**, 918 (1956).
44. W. S. Corak, M. P. Garfunkel, C. B. Satterthwaite, and A. Wexler, *Phys. Rev.* **98**, 1699 (1955).
45. J. A. Rayne, *Australian J. Phys.* **9**, 189 (1956).
46. F. D. Manchester, *Can. J. Phys.* **37**, 989 (1959).
47. J. P. Franck, F. D. Manchester, and D. L. Martin, *Proc. Roy. Soc. A263*, 494 (1961).
48. H. R. O'Neal, *U.S. At. Energy Comm. Rept. UCRL-10426* (Jan., 1963).
49. G. Ahlers, unpublished information quoted by H. R. O'Neal.⁴⁸
50. N. E. Phillips, unpublished information quoted by H. R. O'Neal.⁴⁸
51. G. Kneip, unpublished information quoted by H. R. O'Neal.⁴⁸
52. W. H. Keesom and J. N. van den Ende, *Koninkl. Ned. Acad. Wetenschap., Proc. B35*, 143 (1932).
53. A. A. Silvidi and J. G. Daunt, *Phys. Rev.* **77**, 125 (1950).
54. C. W. Garland and J. Silverman, *J. Chem. Phys.* **34**, 781 (1961).
55. J. E. Zimmerman and L. T. Crane, *Phys. Rev.* **126**, 513 (1962).
56. G. Seidel and P. H. Keesom, *Phys. Rev.* **112**, 1083 (1958).
57. R. L. Douglass, R. G. Petersen and N. E. Phillips, *Proc. 7th Intern. Conf. Low Temp. Phys., Toronto, Ont., 1960*, p. 403. Univ. of Toronto Press, Toronto, Canada, 1961.
58. R. W. Hill and D. H. Parkinson, *Phil. Mag. [7]* **43**, 309 (1952).
59. C. A. Bryant and P. H. Keesom, *Phys. Rev.* **124**, 698 (1961).
60. T. Fukuroi and Y. Muto, *Sci. Rept. Res. Inst., Tohoku Univ.* **A8**, 213 (1956).
61. D. C. McCollum, Jr. and H. B. Silsbee, *Phys. Rev.* **127**, 119 (1962).
62. F. J. Morin and J. P. Maita, *Phys. Rev.* **129**, 1115 (1963).
63. A. T. Hirshfeld, H. A. Leupold, and H. A. Boorse, *Phys. Rev.* **127**, 1501 (1962).
64. C. Chou, D. White, and H. L. Johnston, *Phys. Rev.* **109**, 788 (1958).
65. M. Horowitz and J. G. Daunt, *Phys. Rev.* **91**, 1099 (1953).
66. J. Rayne, *Phys. Rev.* **95**, 1428 (1954).

PHYSICAL PROPERTIES AND INTERRELATIONSHIPS

67. K. Clusius and P. Franzosini, *Z. Naturforsch.* **14a**, 99 (1959).
68. C. A. Bryant and P. H. Keesom, *J. Chem. Phys.* **35**, 1149 (1961).
69. K. Clusius and C. G. Losa, *Z. Naturforsch.* **10a**, 545 (1955).
70. D. W. Budworth, F. E. Hoare, and J. Preston, *Proc. Roy. Soc. A257*, 250 (1960).
71. F. E. Hoare and B. Yates, *Proc. Roy. Soc. A240*, 42 (1957).
72. J. A. Rayne, *Phys. Rev.* **107**, 669 (1957).
73. W. H. Keesom and J. A. Kok, *Physica* **1**, 770 (1933/4).
74. P. H. Keesom and N. Pearlman, *Phys. Rev.* **88**, 140 (1952).
75. F. J. du Chatelier and J. de Nobel, *Physica* **28**, 181 (1962).
76. J. P. Filby and D. L. Martin, *Can. J. Phys.* **40**, 791 (1962).
77. B. N. Samoilov, *Dokl. Akad. Nauk SSSR* **86**, 281 (1952).
78. J. R. Clement and E. H. Quinell, *Phys. Rev.* **92**, 258 (1953).
79. C. A. Bryant and P. H. Keesom, *Phys. Rev.* **123**, 491 (1961).
80. W. H. Keesom and P. H. van Laer, *Physica* **5**, 193 (1938).
81. W. S. Corak and C. B. Satterthwaite, *Phys. Rev.* **102**, 622 (1956).
82. T. H. K. Barron and J. A. Morrison, *Can. J. Phys.* **35**, 799 (1957).
83. B. S. Chandrasekhar and J. A. Rayne, *Proc. 7th Intern. Conf. Low Temp. Phys., Toronto, Ont., 1960*, p. 672. Univ. of Toronto Press, Toronto, Canada, 1961.
84. A. Berman, M. W. Zemansky, and H. A. Boorse, *Phys. Rev.* **109**, 70 (1958).
85. K. A. Gschneidner, Jr., *Proc. 4th Rare Earth Conf., Phoenix, Arizona, 1964*. Gordon & Breach, New York, 1965 (to be published).
86. S. Arajs and R. V. Colvin, *J. Less-Common Metals* **4**, 159 (1962).
87. B. Dreyfus, B. B. Goodman, A. Locaze, and G. Trolliet, *Comp. Rend.* **253**, 1764 (1961).
88. O. V. Lounasmaa, *Proc. 3rd Rare Earth Conf., Clearwater, Florida, 1963*. Gordon & Breach, New York, 1964 (to be published).
89. O. V. Lounasmaa, *Phys. Rev.* **126**, 1352 (1962).
90. P. R. Roach and O. V. Lounasmaa, *Bull. Am. Phys. Soc.* **7**, 408 (1962).
91. O. V. Lounasmaa and R. A. Guenther, *Phys. Rev.* **126**, 1357 (1962).
92. O. V. Lounasmaa, *Phys. Rev.* **129**, 2460 (1963).
93. L. D. Jennings, R. E. Miller, and F. H. Spedding, *J. Chem. Phys.* **33**, 1849 (1960).
94. W. H. Keesom and M. Desirant, *Physica* **8**, 273 (1941).
95. D. White, C. Chou, and H. L. Johnston, *Phys. Rev.* **109**, 797 (1958).
96. T. R. Waite, R. S. Craig, and W. E. Wallace, *Phys. Rev.* **104**, 1240 (1956).
97. R. Blanpain, *Bull. Classe Sci., Acad. Roy. Belg.* **47**, 750 (1961).
98. J. A. Kok and W. H. Keesom, *Physica* **3**, 1035 (1936).
99. M. W. Zemansky, "Heat and Thermodynamics," 4th ed. McGraw-Hill, New York, 1957.
100. W. H. Keesom and J. A. Kok, *Physica* **1**, 175, 503, and 595. (1933-1934).
101. J. L. Snider and J. Nicol, *Phys. Rev.* **105**, 1242 (1957).
102. M. Horowitz, A. A. Silvidi, S. F. Malaker, and J. G. Daunt, *Phys. Rev.* **88**, 1182 (1952).
103. B. J. C. van der Hoeven, Jr. and P. H. Keesom, *Phys. Letters* **3**, 360 (1963).
104. R. L. Dolecek, in "Conf. Phys. Basses Temp.," p. 300. Inst. Intern. du Froid, Paris, 1956.
105. M. Pech, *J. Phys. Radium* **23**, 591 (1962).
106. N. E. Phillips, *Phys. Rev.* **118**, 644 (1960).
107. P. H. Keesom and N. Pearlman, *Phys. Rev.* **96**, 897 (1954).
108. K. G. Ramanathan and T. M. Srinivasan, *Phys. Rev.* **99**, 442 (1955).