

L i t e r a t u r a

1. Alkasab K.A., Budenholzer R.A.: Rev.Sci.Instrum. 44,1561(1973).
2. Ambrose D.: Critical Temperatures of Organic Compounds, NPL Report Chem. 92 (1978); Critical Pressures and Critical Volumes of Organic Compounds, NPL Report Chem. 98(1978), Teddington 1978, 1979.
3. Angus S., Armstrong B., deReuck K.M.: International Tables of the Fluid State : Argon(1975), Ethylene(1975), Carbon Dioxide(1976), Helium(1977), Methane(1978), Nitrogen(1979), Propylene(1980), Chlorine(1985), Pergamon Press, Oxford.
4. Armstrong B.: J.Chem.Eng. Data 26,168(1981).
5. Barner H.E., Quinlan C.W.: Ind.Eng.Chem. Process Des.Dev. 8,407(1969).
6. Bartlett E.P., Cupples H.L., Tremearne T.H.: J.Am.Chem.Soc. 50,1275(1928).
7. Le Bas G.: The Molecular Volumes of Liquid Chemical Compounds, Longmans, Green Co.,Inc., New York 1915.
8. Battino R.: Chem.Rev. 71,5(1971).
9. Benedict M., Webb G.B., Rubin L.C.: J.Chem.Phys. 8,334(1940), 10,774(1942).
10. Burnett E.S.: J.Appl.Mech. 58A,136(1936).
11. Cailletet L., Mathias E.C.r.hebd.Se'ane. Acad.Sci., Paris 102, 1886, 1202, 104(1887).
12. Campbell S.W., Thodos G.: J.Chem.Eng. Data 30,102(1985), Ind.Eng.Chem.Fundamentals 23,500(1984).
13. Canjar L.N., Manning F.S.: Thermodynamic Properties and Reduced Correlations for Gases; Gulf Publishing Co., Houston 1967.
14. Cibulka I., Holub R.: Chem. listy 72,457(1978).
15. Dawe R.A., Snowdon P.N.: J.Chem.Thermodyn. 6,65(1974).
16. Din F.(editor): Thermodynamic Functions of Gases, Vol.I., 1956 (NH₃, CO₂, CO), Vol.II., 1956 (vzduch, propan, ethylen, argon), Vol.III. (ethan, methan, dusík), Butterworth, London.
17. Dreisbach R.R.: Physical Properties of Chemical Compounds, Vol.I, II, III, Am.Chem.Soc., Washington 1961.
18. Dykyj J.: Kritické vlastnosti čistých látek a směsí, Slov.nakl.techn.lit., Bratislava 1967.
19. Dymond J.H., Smith E.B.: The Virial Coefficients of Pure Gases and Mixtures : A Critical Compilation, Oxf.Univ. Press, London 1980.
20. Forman J.C., Thodos G.: AIChE J. 4,356(1958), 6,206(1960).
21. Gamson B.W.: Ind.Eng.Chem. 40,2439(1948).
22. Greer S.C., Moldover M.R.: Annu.Rev.Phys.Chem. 32,233(1981).
23. Guggenheim E.A.: J.Chem.Phys. 13,253(1945).

24. Guldberg A.: Zeitschr.physik.Chem. 5,374(1880).
25. Gunn R.D., Yamada T.: AIChE J. 17,1341(1971).
26. Haase R.: Thermodynamik der Mischphasen, Springer, Berlin 1956.
27. Hayden J.G., O'Connell J.P.: Ind.Eng.Chem. Process Des.Dev. 14,209(1975).
28. Hougen O.A., Watson K.M., Ragatz R.A.: Chemical Process Principles, J.Wiley, New York 1959.
29. Hirschfelder J.O., Curtiss C.F., Bird R.B.: Molecular Theory of Gases and Liquids, J.Wiley, New York 1967.
30. Huron M.J., Vidal J.: Fluid Phase Equil. 3,255(1979).
31. Joffe J.: Ind.Eng.Chem. 39,837(1947).
32. Joffe J.: Ind.Eng.Chem.Fundamentals 10,532(1971), 12,259(1973).
33. Kay W.B.: Ind.Eng.Chem. 28,1014(1936).
34. Kay W.B.: Ind.Eng.Chem. 32,358(1940).
35. Klincewicz K.M., Reid R.C.: AIChE J. 30,137(1984).
36. Kudchadker A.P., Alani G.H., Zwolinski B.J.: Chem.Rev. 68,659(1968).
37. Leach J.W., Chappellear P.S., Leland T.W.: AIChE J. 14,568(1968).
38. Lee B.I., Kesler M.G.: AIChE J. 21,510(1975).
39. Leland T.W., Chappellear P.S., Gamson B.W.: AIChE J. 8,482(1962).
40. Lennard - Jones J.E.: Proc.Roy.Soc. A106,463(1924).
41. Lewis G.H., Randall M.: Thermodynamics, McGraw Hill, New York 1923.
42. Lin Ho-Mu, Chao K.Ch.: AIChE J. 30,981(1984).
43. London F.: Trans. Faraday Soc. 33,222(1930).
44. Lu B.C.-Y., Ruether J.A., Hsi C., Chiu C.H.: J.Chem.Eng. Data 18,241(1973).
45. Lydersen A., Greenkorn R.A., Hougen O.A.: Generalized Thermodynamic Properties of Pure Gases and Liquids, Univ. Wisconsin, Eng.Exp.Sta.Rept. 4.4., Oct. 1955.
46. Majer V., Svoboda V.: Enthalpies of Vaporization of Organic Compounds, Blackwell, Oxford 1985.
47. Malijeviský A.: Osobní sdělení, 1984.
48. Malijeviský A., Novák J.P.: Coll.Czech.Chem.Comm. 45,1155(1980).
49. Mason E.A., Spurling T.H.: The Virial Equation of State, Pergamon Press, London 1969.
50. Mathew J.F.: Chem.Rev. 72,71(1972).
51. Mayer J.E.: J.Phys.Chem. 43,71(1939).
52. McCann D.W., Danner R.P.: Ind.Eng.Chem. Process Des.Dev. 23,529(1984).
53. Mentzer R.A., Greenkorn R.A., Chao K.C.: Ind.Eng.Chem. Process Des.Dev. 20, 240(1981).
54. Měřičková V., Novák J.P., Pick J.: Coll.Czech.Chem.Comm. 47,371(1982).

56. Novák J.P., Chuchvalec P.: Chem. průmysl 30,165(1980).
57. Novák J.P., Malíjevský A., Pick J.: Chem. listy 73,1178(1979).
58. Novák J.P., Malíjevský A., Šobr J., Matouš J.: Plyny a plynné směsi, Academia, Praha 1972.
59. Novák J.P., Matouš J., Pick P., Pick J.: Coll.Czech.Chem.Comm. 49,1116 (1984).
60. Novák J.P., Šobr J.: Příklady z technické fyzikální chemie I, SNTL 1981; Šobr J., Novák J.P., Matouš J.: Příklady z technické fyzikální chemie IV, SNTL 1982.
61. Oellrich L., Plöcker U., Prausnitz J.M., Knapp H.: Chem.Ing.Tech. 49,955 (1977).
62. Partington J.: An Advanced Treatise on Physical Chemistry, Vol.1. Fundamental Principles, The Properties of Gases, Longmans Green Co., Inc., New York 1949.
63. Peng D.Y., Robinson D.B.: Ind.Eng.Chem. Fundamentals 15,59(1976).
64. Pitzer K.S.: J.Chem.Phys. 7,583(1939).
65. Pitzer K.S., Lippmann D.Z., Curl R.F., Huggins C.M., Petersen D.E.: J.Am. Chem.Soc. 77,3433(1955); Ind.Eng.Chem. 50,265(1958).
66. Pitzer K.S., Curl R.F.: J.Am.Chem.Soc. 79,2369(1957).
67. Platt J.R.: J.Chem.Phys. 15,419(1947); J.Phys.Chem. 56,328(1952).
68. Plöcker U., Knapp H., Prausnitz J.M.: Ind.Eng.Chem. Process Des.Dev. 17,324 (1978).
69. Prausnitz J.M., Chueh P.L.: Computer Calculations for High Pressure Vapor - Liquid Equilibria, Prentice Hall, Englewood Cliffs, New Jersey 1967.
70. Rackett H.G.: J.Chem.Eng. Data 15,514(1970).
71. Rea H.E., Spencer C.F., Danner R.P.: J.Chem.Eng. Data 18,227(1973).
72. Redlich O., Kwong J.N.S.: Chem.Rev. 44,233(1949).
73. Reid R.C., Prausnitz J.M., Sherwood T.K.: The Properties of Gases and Liquids, McGraw Hill, New York 1977.
74. Riazi M.R., Daubert T.E.: Hydrocarbon Proc. 59(3),115(1980).
75. Riedel L.: Chemie Ing.Techn. 26,374(1954); 28,557(1956).
76. Riedel L.: Chemie Ing.Techn. 26,83(1954); 26,259(1954).
77. Riedel L.: Chemie Ing.Techn. 27,475(1955).
78. Rowlinson J.S.: Liquids and Liquid Mixtures, Butterworths, London 1969.
79. Růžička V., Šváb L., Novák J.P.: Chem. průmysl 32,183(1982).
80. Růžička V., Frýdová R.: Ropa a uhlí 25,380(1983).
81. Sage B.H., Lacey W.N.: Thermodynamic Properties of the Lighter Paraffin Hydrocarbons and Nitrogen, API Res. Project, New York 1950.

82. Scatchard G.: Chem.Rev. 8,321(1931).
83. Sengers V., Sengers J.M.H.L.: Int.J.Thermophys. 5,195(1984).
84. Segers J.M.H.L.: Experimental Thermodynamics, Vol.II, Editor B. LeNeidre, Vodar B., Butterworths, London 1975.
85. Skalický J.: Diplomová práce VŠCHT, Praha 1982.
86. Soave G.: Chem.Eng.Sci. 27,1197(1972).
87. Spencer C.F., Danner R.P.: J.Chem.Eng. Data 17,236(1972).
88. Tait P.G.: Voyage of H.M.S. Challenger, Vol.2 (1889), Part 4 (Citována podle J. Rowlinsona⁷⁸).
89. Tarakad R.R., Danner R.P.: AIChE J. 23,685(1977).
90. Taylor H.S., Glasstone S.: A Treatise of Physical Chemistry, Vol.II., States of Matter, Van Nostrand, New York 1951.
91. Tee L.S., Gotoh S., Stewart W.S.: Ind.Eng.Chem. Fundamentals 5,356(1966).
92. Teja A.S.: AIChE J. 26,337(1980).
93. Touloukian Y.S., Makita T.: Thermophysical Properties of Matter, Vol.VI., Specific Heat of Nonmetallic Liquids and Gases, IFI Plenum, New York 1970.
94. Tsonopoulos C.: AIChE J. 20,263(1974); 21,827(1975); 24,1112(1978).
95. Twu C.H.: Fluid Phase Equil. 16,137(1984).
96. Van Ness H.C., Mrazek R.V.: AIChE J. 5,210(1959).
97. Vargaftik N.B.: Tables of the Thermophysical Properties of Liquids and Gases, J.Wiley, New York 1975.
98. Vidal J.: Fluid Phase Equil. 13,15(1983).
99. Vidal J.: Chem.Eng.Sci. 33,787(1978).
100. Van der Waals J.D.: Die Continuität des gasförmigen und flüssigen Zustandes, Barth, Leipzig 1881.
101. Watanasiri S., Ovens V.H., Starling K.E.: Ind.Eng.Chem. Process Des.Dev. 24, 294(1985).
102. Whiting W.B., Prausnitz J.M.: Fluid Phase Equil. 9,119(1982).
103. Wilson G.M.: J.Am.Chem.Soc. 86,127(1964).
104. Wong D.S.H., Sandler S.I., Teja A.S.: Fluid Phase Equil. 14,79(1983).
105. Yen L.C., Woods S.S.: AIChE J. 12,95(1978).