
REFERENCES



REFERENCES

1. B.P. Levitt : Finadlay practical physical chemistry
(Ninth Revised edition)
2. F.Daniels : Physical Chemistry
R.A.Alberty : John Wiley and Sons,
Inc, New York 1967, fourth Edn.
3. R.B.Bird,W.E., : Transport Phenomena, John Wiley and
Stewart and E.N. sons, New York, 1960.
Lightfoot
4. Samuel H.Maron : Principles of physical chemistry,
Carl F.Prutton : The Macmillan Company, New York 1969.
5. Poiseuille : Ann. Chim. Phys. 21(3), 76, (1847).
6. SPrung : Ann. Physik, 159, 1 (1876).
7. S.Arrhenius : Z.Physik.Chem, 1, 285 (1987).
8. R. Reyher : Ibid, 2, 744 (1888).
9. J. Wagner : Ibid, 5, 31 (1890).
10. W.Sutherland : Phil. Mag. 50(5), 481, (1900).
11. E.Gruneisen : Wiss Abn.Phys.Techn. Reichsanstalt,
4, 151, 237 (1905).
12. K.Schneider : "Dissertation" Rostock 1910.
13. M.P.Applebey : J.Chem.Soc. 97, 2000 (1910).
14. T.R.Merton : J.Chem.Soc. 97, 2454 (1910).
15. Jones G. & Dole M. : J.Am.Chem.Soc. 51, 2950 (1929).
16. P.B.Das : Electrochim Acta 26(8), 1099 (1981).
17. D.Patnaik and : Current Science, 25, 337 (1956)
P.K.Das.

18. R.C.Acharya, P.K.Das and D.Patnaik. : J.Indian Chem. Soc., 34(1), 56, (1957).
19. Falken-hagen and Vernon. : Phil. Mag. 14, 537 (1932)
20. Cox and Wolfenden : Proc. Roy. Soc. 145 A, 475, (1934).
21. Asmus : Z.Naturforsch, 49, 589 (1949).
22. P.B.Das : J.Ind.Chem. 43, 492, (1966).
23. P.B.Das : J. Inst. Chemists (India) 52, 70 (1970).
24. B.K.Parida and P.B.Das : Ibid, 53, 49, (1971).
25. P.K.Das : J.Ind.Chem.Soc., 48(5), 490 (1971).
26. B.Das, K.Singh, and P.K.Das : J.Ind.Chem.Soc., 49(6), 561 (1972).
27. P.B.Das, N.C.Das and P.P.Misra. : Sci. Culture, 42(5), 280, (1976).
28. B.K.Das, K.C.Singh and P.K.Das. : J.Ind.Chem.Soc. 53, 112 (1976).
29. L.Nayak, P.Misra, and P.B.Das. : Indian J. Chem. 14(A), 342 (1976).
30. P.B.Misra, N.C.Das and P.B.Das : Acta Cinec. Indica, 2(3), 235 (1976).
31. P.B.Das : J.Indian Chem. Soc. 54, 1193 (1977).
32. P.B.Das : Indian J. Chem. 15(A) 1098 (1977).
33. N.C.Das, P.B.Das : Indian J. Chem. 15A(9), 826 (1978).
34. P.P.Misra and P.B.Das : Electrochim Acta, 23, 1233 (1978).
35. N.C.Das and P.B.Das : Electrochim Acta, 25, 725 (1980).

36. P.B.Das : J.Indian Chem. 58, 597 (1981).
37. D.Das and P.B.Das : Thermochim Acta 59(3), 305 (1982).
38. D.K.Das and P.B.Das : J.Indian Chem. Soc. 60(5), 501 (1983).
39. S.P.Moulik and : J. Indian Chem. Soc. 52(5), 450 (1975).
A.K.Rakshit
40. Doan, Thi-Hoa James : J. Chem. Eng. Data, 26(2), 141 (1981).
41. F.Franks and D.J.G. : Quarterly Reviews, 20, 1, (1966).
Ives
42. F.I.Ivanova and : Zh. Prikl. Khim. Leningrad, 50(1),
G.A.Shangina 180 (1977).
43. Z.Kodej's J.Novak and : Chem. Zvestl, 35(4), 515 (1981).
I.Slama
44. Z.Kodejs I Salma : Ibid, 35(4), 507 (1981).
45. Z.Kodejs, J.Novak and : Indian J. Chem. 22A(12) 1029 (1983).
I.Slama
46. Z. Kodejs, J.Novak : Collect. Czech. Chem. Commn. 48(7),
and I.Slama 1810 (1983).
47. Harrap B.S. and : Chem. Rev. 48, 46 (1951).
E.Heymann
48. Partington J.R. : Treatise on physical chemistry Vol.2,
Longmans Greens, New York, 1951 p. 70.
49. R.H.Stokes : The International encyclopedia of phy-
sdical chemistry and chemical Physics
vol.3, 1965.
50. A.Einstein : a) Ann. Phys. 19, 289 (1906).
b) Ibid, 34, 591 (1911).
51. V.Vand : J.Phys. Collid Chem., 52, 277 (1948).
52. D.Thomas : Ibid, 20, 267 (1965).

53. Moulik : J. Phys. Chem. 72, 4682 (1968).
54. Moulik : J. Indian Chem. Soc. 49 : 483 (1972).
55. S.Glasstone, K.Laidler : "The theory of rate Processes: McGraw-
and E.Eyring Hill Book Co. New York 1941.
56. B.R.Breslau and : J.Phys.Chem. 74, 1056 (1970).
F.R. Miller
57. B.Sahu and B.Behra : Indian Journal Chem. 19A, 1153 (1980).
58. P.K.Mahapatra, K.B. : Indian J.Chem. 18A, 402 (1979).
Naik and R.K.Mishra
59. S.Mohanty and P.B.Das : J.Indian Chem.Soc. 50(11) 1059 (1983).
60. D.Feakins : J.Chem.Soc. Farady Trans. 70, 795
(1974).
61. H.S.Frank and : Journal of Chemical Physics 13,
M.W.Evans 507 (1945).
62. E.R.Nightingale and : J.Phys. Chem. 63, 1777 (1959).
R.F.Benck.
63. C.H.Spink & M.Auker : J. Physical Chem. 74, 1742 (1970).
64. P.B.Das : Thermochim Acta 44(3) 379 (1981).
65. M.Renz and F.Stelmle : Int. J. Refrig 4(?), 97 (1981).
66. Taniewska-Osinska, : Acta Uni Lodz Folia Chim 3 55 (1984).
Stenfania, Piokaraska
Alina
67. Debye and Huckel : Physik Z. 24, 185, 305 (1923).
68. Hartley et al. : Proc. Roy. Soc. 127 A, 228 (1930).
69. Hartley et al. : J. Chem. Soci. 2488 (1930).
70. Shedlovsky : J. Am. Chem. Soc. 54, 1405 (1932).
71. Shedlovsky and Brown : Ibid. 56, 1066 (1934).

72. Walden et al. : Z. Physik Chem. 107, 219 (1923).
73. Walden et al. : Z. Physik Chem. 114, 297 (1925).
74. P.G.Sears, G.R.Lester : J. Phy. Chem. 60, 1433-6 (1956)
and Dawson
75. I.M.Kolthoff and Reddy : J. Electrochem Soc. 108, 980-5 (1961).
76. P.K.Das : J. Ind. Chem. Soc. Vol.36, No.9,
613-16 (1959).
77. J.K.Dunnett and : Trans. Faraday Soc. Vol. 61, 922-27
R.P.H.Gasser (1965).
78. R.L.Bhokra and : 2-Phys. Chem. Nit. 155-158 (1974)
V.P.Sehgal
79. R.L.Blokhra and : J. Electroanalytical Chemistry 57,
M.L.Parmar 117-20 (1974).
80. R.T.Morrison and : Organic chemistry, Prentice-Hall,
R.N.Boyd New Delhi (1969) p. 492.
81. T.S.Sharma and J.C. : Chem. Soc. Rev.2 203 (1973).
Ashuwalia
82. R.L.Blokhra and : Austral J. Chem. (1974).
M.L.Parmar
83. R.L.Blokhra and : J. Electroanalytical Chem. 62,
V.P.Sehgal 381-85 (1977).
84. R.M.Fuoss, L.Onsagar : J.Phys. Chem. 69, 2581 (1965).
and V.F.Skinner
85. P.B.Das : Thermochima Acta Vo. 26 No.8, 1099
(1981).
86. R.C.Sharma and : Electrochim acta Vol. 21, 997 (1976).
H.C.Gaur
87. M.Peleg : J. Phy. Chem. 75, 2060 (1971).
88. A.G.Keenan : J. Phy. Chem. 61, 780 (1957).

89. R.L.Blokhra, Y.P.Seagal: J. Ind. Chem. Soc. Vol. LV, 497 (1978).
and U.P.Sharma
90. R.L.Blokhara and : J.Soln. Chem. 5, 399 (1976).
V.P.Seagal
91. V.K.Syal and : Nat. Acad. Sc. letters Vol. 7, No.9
Prakash Chand Ranowt (1984).
92. V.K.Syal and Gurdev : Proc. Nat. Acad. Sci. India 55A IV
Kaur (1985).
93. V.K.Syal and : Ind. J. of Chem. Vol. 24A, 16 (1985).
Prakash Ranowt
94. Z.Kodejs, J.Novak : Chem. Zvesti 38(4) 455 (1984).
and I.Slama.
95. Kraus and Dexter : J. Am. Chem. Soc. 44, 2469 (1922).
96. Duval and Duval : Inorganic thermogravimetric Analysis
(Elsevier, 1963).
97. Sprengel : J. Chem. Soc. 26, 577 (1873).
98. Leo Ubbelohde : Ind. Eng. Chem. Anal. Ed. 9 85 (1937).
99. Sprengel : Annal. Phys. 150, 459 (1873).
100. Kell G. S. : J.Chem.Eng. Data 12, 66 (1967).
101. Stokes R.H. and : "Viscosity of electrolytes and related
Mills R. properties, Pergamon Press, Oxford 1965,
p. 74.
102. T.S.Sarma and : Chem.Soc.Rev. 2, 203 (1973).
Ahluwalia.
103. M.Kaminsky : Discuss Faraday Soc. 24, 171 (1957).
104. Vishnu and Vinod : Ind. J. of Chem. Vol. 20A, 24 (1981).
Kumar
105. D.J.Thomas : J.Colloidal Sc. 20, 267 (1965).

106. H.S. Frank & W.Y. Wen : Discuss Faraday Soc. No.24 133 (1957).
107. E.R. Nightingale : Chem. Phy. of ionic solution (Wiley, New York 1966) p 92.
108. Nightingale : J. Phys. Chem. 63, 1381 (1959).
109. Samoilov, O.Ya. : "Discuss Faraday Soc. 24, 141 (1957). Cited in water and aqueous solutions edited by R.A. Horne (Wiley Interscience) 597 (1971).
110. C.A. Angell : J. Chem. Phys. 52, 1058 (1969).
111. Macdonald Palepu : Therochima acta 84 157 (1985).
112. R.W. Gurney : Ionic processes in solution Mc Graw Hill, New York (1953).
113. P. Assarsons and F.R. Elrich : J. Phys. Chem. 72 2710 (1968).
114. Walden : Z. electrochem. 77, 12 (1906).
115. Walden : Z. Phys. Chem. 207, 55 (1906).
116. Fuoss, Petrucci and Accascina. : J. Amer. Chem. Soc. 1301, 81, (1969).
117. Kraus and Fuoss : J. Am. Chem. Soc. 55, 21, 476, 1019 (1933).
118. Raymond M. Fuoss and Kraus. : J. Am. Chem. Soc. 55, 2387 (1933).
119. B.N. Ghosh : J. Ind. Chem. Soc. Vol. LXIII, 889 (1986).
120. S.C. Rath, and D.K. Das : J. Ind. Chem. Soc. Vol. LXIV 477 (1987)
121. K. Chowdoji Rao and Mrs. M.C.S. Subha. : J. Ind. Chem. Soc. Vol. 66, 451 (1989).