REFERENCES

[1] A.C.SCOTT, F.Y.F. CHU and D.W.Mc LAUGHLIN, "The Soliton: A New Concept in Applied Science", Proceeding IEEE 61 (1973), pp. 1443-1483.

[2] A.JEFFREY and T. KAKUTANI, "Weak Nonlinear Dispersive Waves: A Discussion Centered Around the Korteweg - de Vries Equation", SIAM Review 14 (1972), pp. 582-643.

[3] V.G.MAKHANKOV, "Dynamics of Classical Solitons (in Non-integrable Systems)", Physics Report 35 (1978), pp.1-128

[4] V.E. ZAKHAROV and L.D.FADDEEV, "The Korteweg - de Vries Equation: a Completely Integrable Hamiltonian System", Func. Anal. Appl. 5 (1971), pp. 280-287.

[5] M.D. KRUSKAL, R.M.MIURA, C.S. GARDNER and N.J.ZABUSKY, "Korteweg - de Vries Equation and Generalizations. II. Existence of Conservation Laws and Constants of Motion", J.Math. Phys. 9 (1968), pp. 1204-1209.

[6] R.M.MIURA, "Korteweg - de Vries Equation and Generalizations. I. A Remarkable Explicit Nonlinear Transformation", J.Math. Phys. 9 (1968), pp. 1202-1204.

[7] G.B. WHITHAM, "Linear and Nonlinear Waves", John Wiley & Sons, New York, 1974, p.9.

[8] A.BARONE, F.ESPOSITO, C.J.MAGEE and A.C.SCOTT, "Theory and Applications of the Sine-Gordon Equation", Rivista del Nuovo Cimento 1 (1971), pp. 227-267.

[9] W.F.AMES, "Nonlinear Ordinary Differential Equations in Transport Processes", Academic Press, New York, 1968, p. 42 and p. 101.

[10] A.S. DAVYDOV, "Solitons in Molecular Systems", Preprint ITP - 78 - 62E, Kiev (1978).

[11] S.SAMUEL, "Grand Partition Function in Field Theory with Applications to Sine-Gordon Field Theory", Phys. Rev. D 18 (1978), pp. 1916-1932.

[12] F.W.J. OLVER, "Asymptotics and Special Functions",Academic Press, New York and London, 1974, p.45.

[13] N. Ja. VILENKIN, "Fonctions Speciales et Théorie de la Représentation des Groupes", Dunod, Paris, 1969.

[14] I.S. GRADSHTEYN and I.M. RYZHIK, "Table of Integrals, Series and Products",Academic Press, New York and London, 1965, p. 317.

[15] See [14], p. 942.

[16] F.G. TRICOMI, "Funzioni Ipergeometriche Confluenti", Edizioni Cremonese, Roma, 1954, p. 164.

[17] M. ABRAMOWITZ and I.A. STEGUN, "Handbook of Mathematical Functions", Dover, New York, 1965, p. 998.

[18] See[17], p. 257

[19] See[17], p. 260

[20] See[12], p. 25

[21] See[16], p. 174

[22] See[14], p.1075