- REFERENCES

BARUT,A.O. (1964) : Electrodynamics and classical theory of fields and particles, MacMillan, New York.

DATE,T.H. (1973) : A class of non-uniform cosmological model. Indian J.Pure and App.Maths., 4, p.612-619.

DAVIS,W.R. (1970) : Classical Fields, Particles and the Theory of Relativity. New York - Gorden and Breach Science Publication.

DEBNEY,G.C. and ZUND,J.D. (1971) : A Note on the classification of electromagnetic fields. Tensor,N.S. 22, p.333-340.

DUGGAL,K.L. and SHARMA,R. (1986) : Conformal collineations and anisotropic fluids in General Relativity. J.Math.Phy., 27(10), p.2511-2513.

DUGGAL,K.L. (1987) : Relativistic Fluids with Shear and Time-like Conformal Collineations. J.Math.Phy. 28(11), p.2700-2704.

ECKART,C. (1940) : Thermodynamics of Irreversible Process-III Relativistic Theory of Simple Fluid. Phys.Rev., 58, p.919.

EDGAR,S.B. (1980) : The structure of Tetrad Formalism in General Relativity Theory. The general case. General Relativity and Gravitation, 12(5) : p.347-362.

EHLERS,J. and KUNDT,W. (1962) : Exact solutions of the Gravitational Field Equations. Gravitation : on introduction to current Research (ed. Witten,L.). Inc.New York Lon., p.49-101.

EISENHART,L.P. (1960) : Riemannian Geometry. Princeton Uty. Press.

ELLIS,G.R.F. (1967) : Dynamics of pressure free matter in General Relativity. J.Math.Phys. 8 : p.1171-1194.

ELLIS,G.F.R. (1971) : Relativistic Cosmology. General Relativity and Cosmology, p.104 to 121 and 143 (ed.Sachs,B.K.), Academic Press.

FLAHERTY,E.J. (1976) : Hermitian and Kahlerian Geometry in Relativity, Lecture Notes in Physics, 46 : Berlin-Spinger-Verlag.

GEROCH,R., HELD,A. and PENROSE,R. (1973) : A space-time calculus based on pairs of null directions. J.Math.Phys. 14(7) : p.874-881.

GHUNAKIKAR,J.T. (1974) : Charged Perfect Fluid with a Null Conductivity. Ph.D.Thesis, Chapt.IV, Shivaji University, Kolhapur, p.90 to 121.

GOENNER,H., GRALEWSK,U. and WESTPFAHL,K. (1967) : Gravitational self-forces and Radiation Losses of Classical Spin Particles (In German). Zeithrift for Physik, p.186-207.

GREENBERG,P.J. (1970) : The General Theory of Space-like Congruences with an Application to Vorticity in Relativistic Hydrodynamics. J.Math.Anals.and Applic., 30(1) : p.128-143.

GUMASTE,S.P. (1984) : Congruences in General Relativity. Ph.D. Thesis, Chapt.IV. Shivaji University, Kolhapur, p.121-155.

HALL,G.S. (1977) : Recurrence conditions in space-time. J.Phys.A : Math.Gen. 10(1) : p.29-42.

HEWISH,A. (1969) : Pulsars, Endeavour, 28, p.55.

JANGAM,U.B. (1982) : Studies in Conservation laws and self-gravitating Distributions of Matter. Ph.D.Thesis, Chapt.IV Shivaji University, Kolhapur.

KRAMER,D., STEPHANI,H., HARLT,E. and MACCALLUM,M. (1980) : Exact solutions of Einstein's Field equations. Cambridge Uty.Press, Cambridge.

KRASINSKI,A. (1975) : Some solutions of the Einstein Field Equations for a Rotating Perfect Fluid. J.Math.Phys., 16 : P.125.

KUNDT,W. (1961) : The Plane-fronted Gravitational Waves. Z.Phys., 163 : p.77-86.

LANDAU,L.D., LIFSCHITZ,E.M. (1958) : Fluid Mechanics, Pergamon.

LICHNEROWICZ,A. (1955) : Theories Relativistes de la Gravitation et de L'Electromagnetisme, Masson and Cie, Paris.

LICHNEROWICZ,A. (1967) : Relativistic Hydrodynamics and Magnetohydrodynamics, Benjamin Inc., New York.

LUKACS,B., PERJES,Z. and SEBESTYEN,A. (1981) : Null Killing Vectors, J.Math.Phys. 22 : p.1248-53.

McVITTIE,G.C. (1965) : General Relativity and Cosmology. Chapman and Hall Ltd., London.

NARLIKAR,J.V. (1978) : Lectures on general relativity and Cosmology. MacMillan, Delhi.

NEWMAN,E. and PENROSE,R. (1962) : An Approach to Gravitational Radiation by a method of Spin Coefficients. J.Math.Phys., 3(3) : p.566.

O'NEILL,B. (1966) : Elementary Differential Geometry. Academic Press, New York.

OZSVATH,I. (1966) : Two Rotating Universes with dust and electromagnetic fields. Perspectives in Geometry and Relativity Ed.Hoffman. (Indiana Uni.Blocmington and London.)

PARKER,E.N. (1964) : The solar wind, Frontiers in Astronomy, Reading from Scientific American. W.H.Friedman and Co. San Fransisco, 1970, p.98.

PERES,A. (1960) : Null-Electromagnetic Fields in General Relativity Theory. Phys.Rev. 118 : p.1105-1110.

RADHAKRISHNA,L. and JANGAM,U.B. (1975) : Convection-free stresses in general relativity. Proc.of International Symposium on Relativity and Unified Field Theory, Calcutta, p.261.

RADHAKRISHNA,L. (1976) : Relativistic Rheology. Proc.International Conference on Recent developments in Mathematics and Applications, Banaras Hindu Univerisity, p.163-169.

RADHAKRISHNA,L. and WALWADKAR,B.B. (1980 a) : On the Truesdell Propagation in Relativistic Rheology. Proc. Einstein Centenary Symposium, Ed. Kondo and Karade p.391-401.

RADHAKRISHNA,L. and WALWADKAR,B.B. (1980 b) : Locally weak conservation Laws in Relativistic Rheology. Proc.IAGRG-X, Ed. M.Nagraj, p.183-191.

RADHAKRISHNA,L., KATKAR,L.N. and DATE,T.H. (1981) : Jaumann Transport in Relativistic Contimuum Mechanics, J.GRG (Switzerland), 13 : p.939-946.

RADHAKRISHNA,L. and SINGH,N.I. (1984) : Pure Radiation Feilds with Nontrivial Null Symmetry. J.Math.Phys., 25 :p2293.

RADHAKRISHNA,L. and GUMASTE,S.P. (1984) : Preferred collineations in null electromagnetic fields with null gravitational fields. International J.Theoretical Phys.(USA), 23 : p.395.

RADHAKRISHNA,L. (1988). Five models of radiation fields. Proc. Inte.Conference of Math. modelling in Science and technology I.I.T., Madras, (Preprint).

RAO,A .B.P. (1978) : Gravitational Collapse. Ph.D. Thesis, (unpublished) S.U.Kop.

RAYCHAUDHARI,A.K. (1979) : Theoretical Cosmology (Oxford : Clarendon Press).

SCHUTZ,B.F. (1972) : Linear Pulsations and stability of Differentially Rotating Stellar Models I, Newtonian Analysis II General Relativistic Analysis. Astrophys.J., Supplement-II, 208, 24 p.319-74.

STEPHANI,H. (1982) : General Relativity - An introduction to the theory of the gravitational field. Cambridge Uty.Press, Cambridge.

SYNGE,J.L. (1960). Relativity : The General Theory. North-Holland Publishing Company, Amsterdam.

TAKENO,H. (1957) : On plane Wave Solutions of Field Equations in General Relativity, Tensor N.S. 7 p.97-102.

TSAMPARLIS,M. and MASON,D.P. (1983) : On Space-like Congruences in General Relativity. J.Math.Phy., 24(6) : p.1577-1593.

VAIDYA,P.C. (1968) : Universe Filled with Black Body Radiation, Current Science, 37 : p.191.

VAIDYA,P.C. (1983) : A Generalised Kerr-Schild solution of Einstein Equations, Internal Report Ic/73/65 International Centre for Theoretical Phys. Triests, Italy.

WILSON,P.R. (1968) : The structure of Sunspot, Solar Physics, 3 : p.243.