

R E F E R E N C E S

1. Carmeli, M. (1977): Group Theory and General Relativity.
Mc Graw-Hill Inc.
2. Cartan, E. (1923): Sur Les Varietes a connexion Affine et
la Theorie de la Relativite Generalisee
(Premiere Partie)
Ann. Ecole Norm. Sup; 40, 325-412.
3. Carmeli, E (1924): Sur Les Varietes a connexion Affine et
la Theorie de la Relativite Generalisee
(Suite)
Ann. Ecole Norm. Sup; 41, 1-25.
4. Chandrashekhar, S. (1983): The Mathematical Theory of
Black Holes.
Oxford University Press.
5. Choquet Bruhat and C.Dewitt Molette (1982):
Analysis Manifolds and Physics
North- Holland Publishing Com.
6. Debney, G.C. and Zund, J. D. (1972): Electromagnetic
Theory in General Relativity-I; The
Geometry of Congruences,
Tensor, N.S., 25, 47-52.
7. Debney, G.C. Wilkes, J. M. and Zund, J. D. (1981):
A spin coefficient Approach to Type N

- Fields with Twist,
Tensor, N.S., 35, 267-275.
8. Felice, F. de and Clarke, C.J.S, (1990): Relativity on
Curved Manifolds.
Cambridge University Press.
9. Flaherty, E. J. (1976): Hermitian and Kahlerian Geometry
in Relativity Lecture Note in Physics,
No. 46 Springer- Verlag.
10. Frankel, Theodore (1997): The Geometry of Physics An
Introduction,
Cambridge University Press.
11. Hawking, S.W. and Ellis, G.F.R. (1973): The Large Scale
Structure of Space-Time,
Cambridge University Press.
12. Jogia, S. and Griffiths, J.B. (1980): A Newman-Penrose
Type Formalism for space-times with
Torsion, Gen. Rel. Grav.,12, 597-617.
13. Katkar, L.N. and Khaimode, D.S. (2005): A Theorem on
the local isometric embedding of non
empty space-times in a space of
constant curvature,
J. Shivaji University, 39, p. 27-33.
14. Katkar, L.N. and Khaimode, D.S. (2007): On the

- Existence of Second rank Killing
 Tensor in non-empty space times.
 Bulletin of Calcutta Mathematical
 Society Vol. 99 No. 6.
15. Kramer, D. Stephani, Herlt, E. and Mac Callum, M. (1980):
 Exact Solutions of Einstein's Field
 Equations Ed. E. Schmutzer.
Cambridge University Press.
16. Narlikar, J.V. (1978): General Relativity and Cosmology.
 The MacMillan Compani India
 Newman, E.T. and Penrose, R. (1962): An Approach to
 Gravitational Radiation by a method of
 coefficients. J. Math. Phys. 3, 566-578.
17. Schutz, B. F. (1980): Geometrical Methods of
 Mathematical Physics.
Cambridge University Press.
19. Singh, Ibhil (2002): On the Variable- changed Black
 Holes in general relativity. Hawking's radiation
 and naked singularities. Classical and
 Quantum Gravity 19, 4327-4341.
20. Singh, Ibhil (2005): On the Variable- changed Black-
 Holes Embedded in to de Sitter space
 Hawking radiation. International Journal of

Modern Physics D: Vol. 14, No.6 973-994.

21. Tariq, N. and Tupper, B.O.J. (1975): A Class of Algebraically General solution of the Einstein-Maxwell-equation for Non-Null Electromagnetic fields. Gen. Rel, Grav. , 6, 345-360.
22. Tariq, N. and Tupper, B.O.J. (1976): Einstein-Maxwell metric admitting a dual interaction J. Math. Phys. 17, No. 3, 292-296.
23. Trautmann, A. (1973): Spin and Torsion may Avert Gravitational Singularities. Nature, Phys. Sci. 242, 7-8.
24. Zafar, A., Nikhat, A. and Shahid A. (2001): Lanczos Potential and Tetrad Formalism Bull. Cal. Math. Soc. 93, (5) 407-422.