

x) SCHWARZSCHILD TETRAADS (58(1))

$$v_0^0 = \pm \left(1 - \frac{2GM}{c^2 r} \right)^{1/2}$$

$$v_1^1 = \pm \left(1 - \frac{2GM}{c^2 r} \right)^{-1/2}$$

$$v_2^2 = 1$$

$$v_3^3 = 1$$

All off diagonal elements are zero.

GOVERNING EQUATIONS

$$T^a = d \wedge v^a + \omega^a_b \wedge v^b = 0$$

$$R^a_b = d \wedge \omega^a_b + \omega^a_c \wedge \omega^c_b$$

$$R^a_b \wedge v^b = 0, \quad D \wedge R^a_b = 0$$

EFFECT OF TORSION

$$T^a \neq 0$$

$$R^a_b \wedge v^b = d \wedge T^a + \omega^a_b \wedge T^b$$

v^a develops off diagonal elements, diagonal elements are changed, Eddington unit is changed.