Schutz 7.3. d= (-1+24) 1-24 | gf = (-1-29) 1-24 | 1+24 1+2 => The= = 2 2xx [9 xy, v + 9 xv, m - 9 nv, x] of me have independent components of 00 07 02 03 due to symmetry constraint. 11 12 13 To = 1 (-(1-24))(-(1+24,0)) = - [1-24][1+24,0] To1 = 1 [- (1-24)][-(1+24,1)] by symmetry, we also = \[\[\langle \langl - [1-2d][1+2d,3]. T1===[-(1-24)][-(1-24,0)] T12 = T3 = 0 = [[1-20] [1-20,0]

Smalarily, by symmetry, we will also have T22 = = [1-20][1-20] = [33 and it's easy to see for similar reasons, To = 0 T60 = = [[1+24][-(-(1+24/1)) = \[[1-20] [1+29,1] To1 = = [1+2 0] [1-20]] To2=To3=0. T1 = = [1+24][1-24,1] T, = -> [1+20] [1-29/2] T13 = = [1+24][1-2413], P Notre Til, Til, Tiz, Tiz, Tzz, Tzz are independent of time, by spatial symmetry, we apply a permutation 1->2, 2->3, 3-71 to obtain

$$T_{22}^{2} = \frac{1}{2} \left[1+2\phi \right] \left[1-2\phi_{1}2 \right], T_{23}^{2} = \frac{1}{2} \left[1+2\phi \right] \left[1-2\phi_{12} \right], T_{1}^{2} = \frac{1}{2} \left[1+2\phi \right] \left[1-2\phi_{12} \right], T_{1}^{2} = \frac{1}{2} \left[1+2\phi \right] \left[1-2\phi_{12} \right], T_{1}^{2} = \frac{1}{2} \left[1+2\phi \right] \left[1-2\phi_{12} \right], T_{1}^{2} = \frac{1}{2} \left[1+2\phi \right] \left[1-2\phi_{12} \right], T_{1}^{2} = \frac{1}{2} \left[1+2\phi \right] \left[1-2\phi_{13} \right], T_{34}^{2} = \frac{1}{2} \left[1+2\phi \right] \left[1-2\phi_{13} \right], T_{11}^{2} = \frac{1}{2} \left[1+2\phi \right] \left[1-2\phi_{13} \right], T_{11}^{2} = \frac{1}{2} \left[1+2\phi \right] \left[1-2\phi_{13} \right], T_{11}^{2} = \frac{1}{2} \left[1+2\phi \right] \left[1-2\phi_{13} \right], T_{11}^{2} = \frac{1}{2} \left[1+2\phi \right] \left[1-2\phi_{13} \right], T_{11}^{2} = \frac{1}{2} \left[1+2\phi \right] \left[1-2\phi_{13} \right], T_{00}^{2} = \frac{1}{2} \left[1-2\phi \right] \left[1+2\phi \right], T_{11}^{2} = \frac{1}{2} \left[1+2\phi \right] \left[1-2\phi_{13} \right], T_{10}^{2} = \frac{1}{2} \left[1-2\phi \right] \left[1+2\phi \right], T_{11}^{2} = \frac{1}{2} \left[1-2\phi \right] \left[1+2\phi \right], T_{11}^{2} = \frac{1}{2} \left[1-2\phi \right] \left[1+2\phi \right], T_{11}^{2} = \frac{1}{2} \left[1-2\phi \right] \left[1+2\phi \right], T_{11}^{2} = \frac{1}{2} \left[1-2\phi \right] \left[1-2\phi \right], T_{11}^{2} = \frac{1}{2} \left[1-2\phi \right] \left[1-2\phi \right], T_{11}^{2} = \frac{1}{2} \left[1-2\phi \right] \left[1-2\phi \right], T_{11}^{2} = \frac{1}{2} \left[1-2\phi \right] \left[1-2\phi \right], T_{11}^{2} = \frac{1}{2} \left[1-2\phi \right] \left[1-2\phi \right], T_{11}^{2} = \frac{1}{2} \left[1-2\phi \right] \left[1-2\phi \right], T_{11}^{2} = \frac{1}{2} \left[1-2\phi \right] \left[1-2\phi \right], T_{11}^{2} = \frac{1}{2} \left[1-2\phi \right] \left[1-2\phi \right], T_{11}^{2} = \frac{1}{2} \left[1-2\phi \right] \left[1-2\phi \right], T_{11}^{2} = \frac{1}{2} \left[1-2\phi \right] \left[1-2\phi \right], T_{11}^{2} = \frac{1}{2} \left[1-2\phi \right] \left[1-2\phi \right], T_{11}^{2} = \frac{1}{2} \left[1-2\phi \right],$$