R³ons= In sa (Onto has - Onda Bo - Os do han + os da han

2 da da han Row = Ingra = = 1 ngx ( 2 mo - Sa, 2 mo - So, 2 mo  $\frac{\partial S^{2}}{\partial n^{2}} = \frac{\partial S^{2}}{\partial n^{2}}$ = P<sup>s</sup>om Metric Perturbat

Notation check Metric Kertusbat => hap

Trace - reversed hap = hap - 1 map h

Perturbation

The a = -h > trace - reversed?

One can alway friend sole to The can alway find sole to I se that of gauge breeden has been reduced ferom 4 fredy specifiable

fur of 4 variath In L.G > Fintein Tensol = ) Seduces to wave-operated act of than-general metric perturbata Dhap = -16x Tap Vacuum, [] hap = 0 admits were like sall I.M.P. o Globbally vacuum sparetime = Transverve Transless (TdB=0) everywhere Here along with h.G A h?=0 1) hxp = hxp

(i) get the 2 polerisat h+, hx Global spacetine with matter has Shypical, radiative dof. 1) only TT part of netri obey were of 1 Net TT part do not enhibit radiative dof





