Generalised Proper Time as a Basis for the Dark Sector



<u>Non</u>-compact gauge group $SL(p-2, \mathbb{C})_D$ A_+ positive and A_- negative K.E. states create out 000000 of vacuum: However, M_{+} matter states asymmetric Raging vacuum sea of states: perturbation also in dark sector vacuum time 200000 2002 <u> 30000</u>0 00 იებებები 0000 000 000 0000 000 By sym., \pm contributions cancel for vacuum: $p_V = w_V \rho_V$, with $w_V = -1$ Small residual gravitational effect:

 $\rho_V > 0, \ p_V < 0$

Gravitationally benign:

 $\rho_V = 0, \ p_V = 0$

2

