And ds = has dx dx dx. = (dx) - sdx) - a (dx) ·Mx° = ninh (MT+) + (UZ) e MTL 7 Ndx = N coshut dt + Q(Ux) dx, e " + (N) nedt. -1. dx° = [cosh(NZ) + (NCX) = 0 dZ, +e"57, dx, J (dr) = [cosh2 1/7 + (Ust, )= + (Ust, ) con Ut] dq2  $+ e^{2HT_{+}} \int_{-\infty}^{\infty} (dx_{+})^{2} (dx_{+})^{2} + 2 \left[ \cosh HT_{+} + \left( Hx_{+}^{2} \right)^{2} \right] e^{KT_{+}} dT_{+} dT_{+} dT_{+}$  $MX^{i} = MX^{i}_{+} e^{MC_{+}}$   $\Rightarrow MdX^{i} = Me^{MC_{+}}dX_{+} + MX^{i}_{+} e^{MC_{+}}dZ_{+}$   $\Rightarrow (dx^{i})^{2} = e^{2MC_{+}}dZ_{+}^{i2} + M^{2}J_{+}^{i2}e^{MC_{+}}dZ_{+}^{i2} + 2Me^{2MC_{+}}J_{+}^{i}dZ_{+}^{i}dZ_{+}^{i}$ = e 2117 [ dz; + 11 2 xi2 dz; dz; dz; dz; dz; = \( \frac{1}{2} \left( dx')^2 = e^{2RT} \left( dx')^2 + U \( \pi \) \( dT\_4^2 + 2 \( \pi \) \( dT\_4^2 \) 11 x = - (oh (UG) + (UX) e 12  $\frac{\partial}{\partial x^{2}} = -\sinh H C_{+} dC_{+} + \frac{1}{2} x_{+}^{2} dx_{+}^{2} e^{\mu C_{+}} + (\mu x_{+})^{2} x_{+}^{2} e^{\mu C_{+}}$   $\frac{\partial}{\partial x^{2}} = \left[ -\sinh H C_{+} + (\mu x_{+}^{2})^{2} \cdot e^{\mu C_{+}} \right] dC_{+} + x_{+}^{2} dx_{+}^{2} e^{\mu C_{+}}$   $\frac{\partial}{\partial x^{2}} = \left[ -\sinh H C_{+} + (\mu x_{+}^{2})^{2} \cdot e^{\mu C_{+}} \right] dC_{+} + x_{+}^{2} dx_{+}^{2} e^{\mu C_{+}}$  $\int (dx^{2})^{2} = \left( \sinh^{2} h(\zeta + \ln x) \right)^{2} e^{2\pi i \zeta} + 2 \left( \int (\zeta + \ln x$ of ds2= (cosh ut+-sinh Ut) dt+ + rest terms cancel d G2 - ent dx1