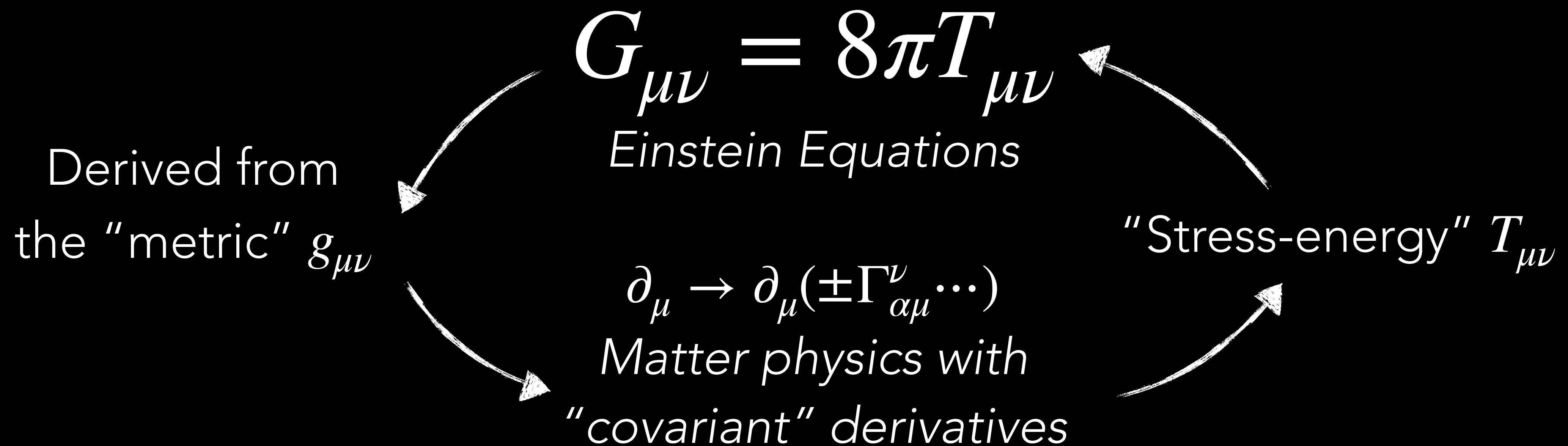


1915: GENERAL RELATIVITY

- The fabric of spacetime becomes curved at concentrations of matter and energy
- The curved spacetime causes particle trajectories to bend and creating gravitational "forces"



CURVED, DYNAMICAL SPACETIME

- It is intuitive to break 4D spacetime into 3D slices
- Each slice is a moment in time
- Can think of spacetime as a 3D surface changing over time
- This is how it is simulated in practice

