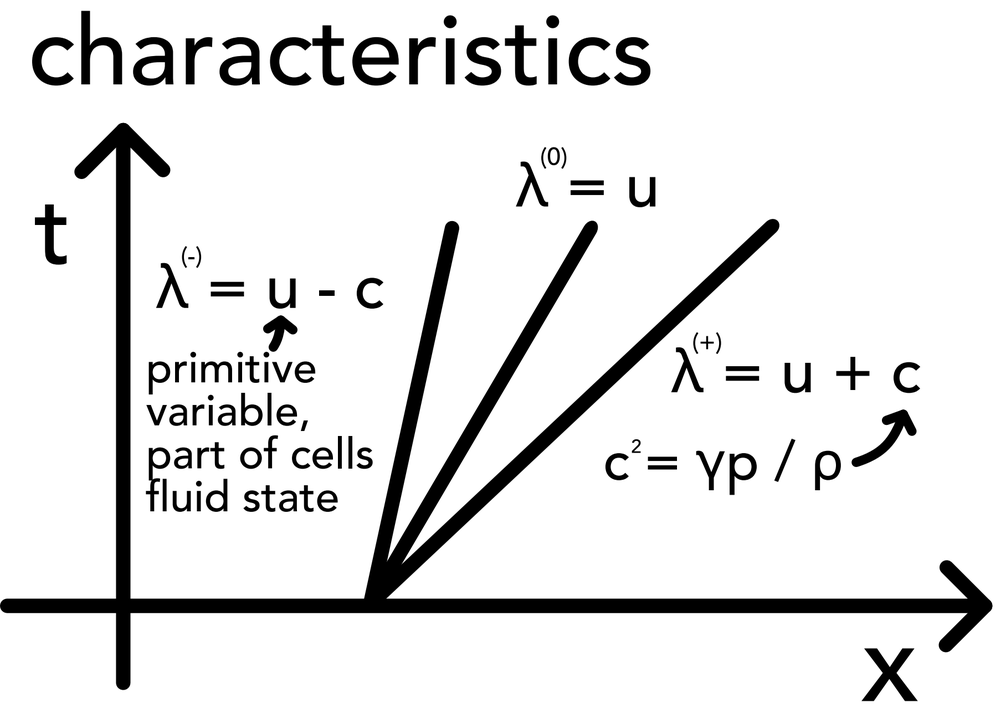
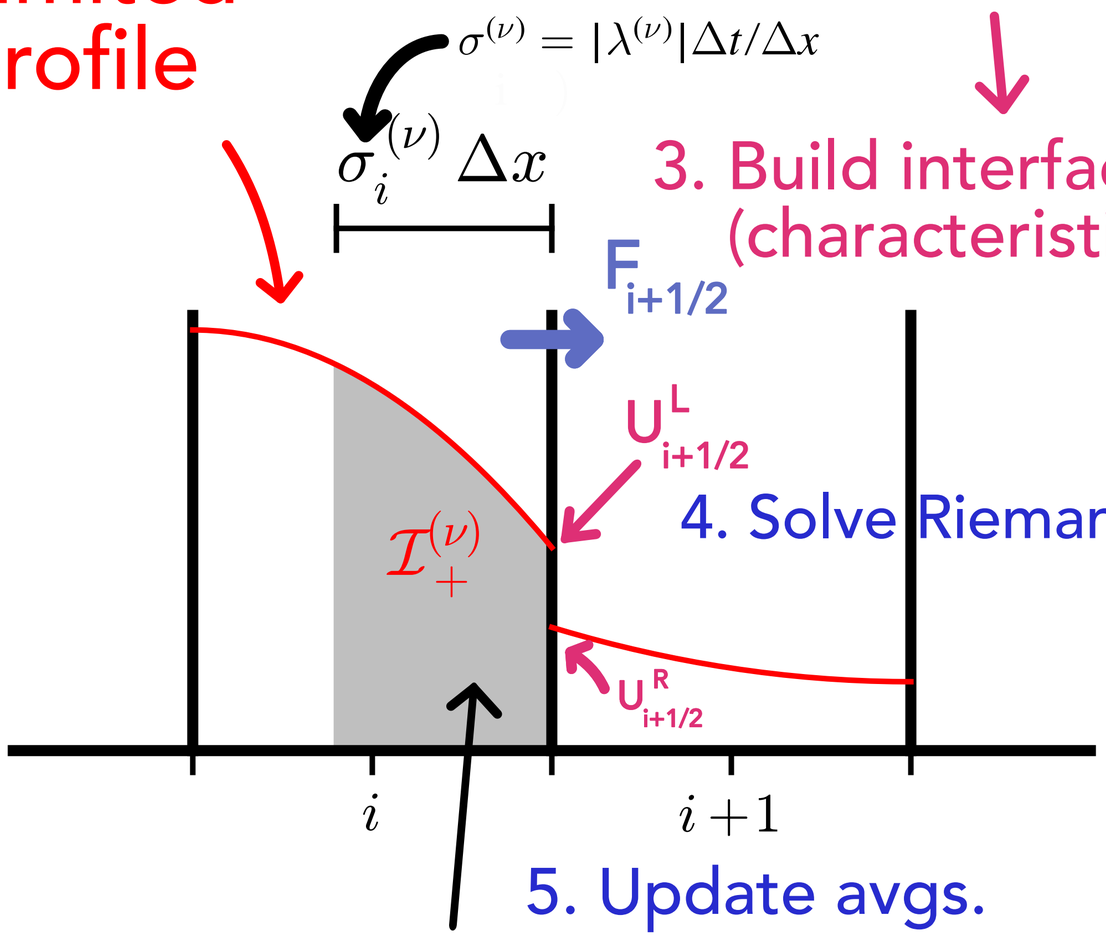
1. Construct limited parabolic profile

only based on waves in the correct direction





3. Build interface states (characteristic tracing)

4. Solve Riemann Problem

5. Update avgs.

2. Integrate as illustrated to find avg. state that each char. wave can carry to the interface