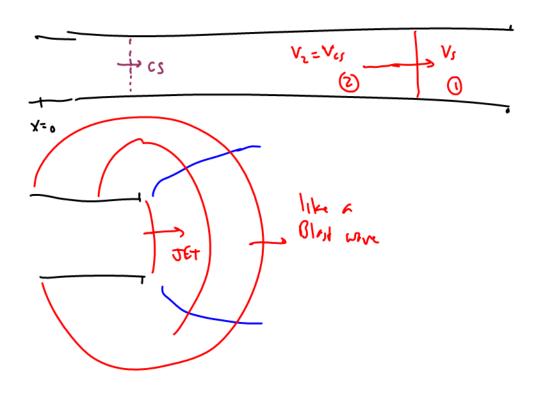
Today, we will:

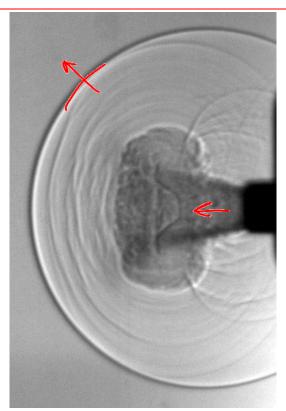
- Discuss what happens when the shock reaches the end of the shock tube Two cases: open end and closed end
- Discuss reflecting shocks and reflecting expansion waves in shock tubes
- & WHAT HAPPEN WHEN THE SHOCK HITT THE END OF THE SHOCK TUBE?

CATE A - OPEN END

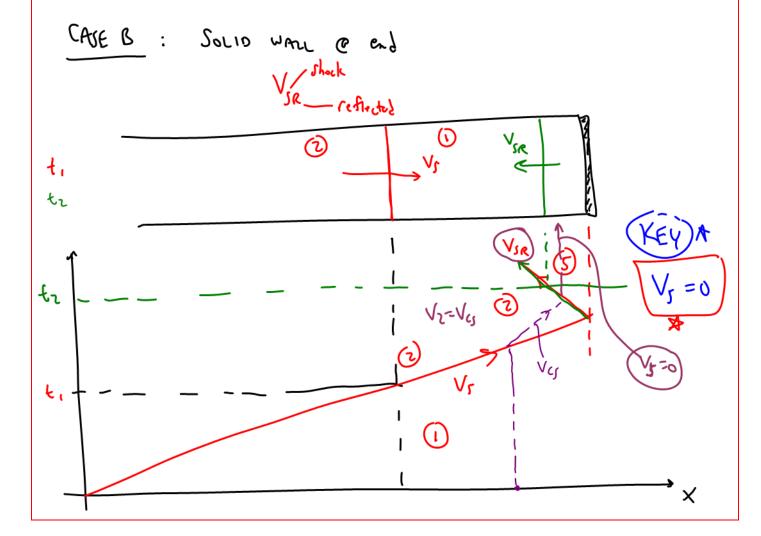
SHILLI

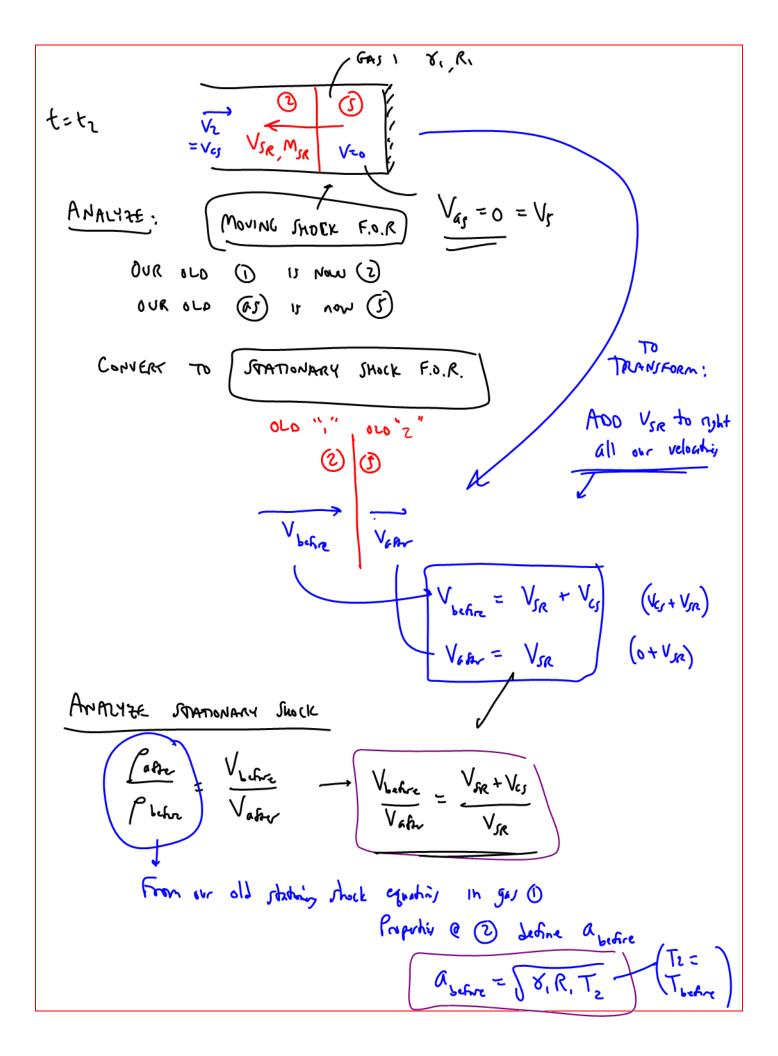


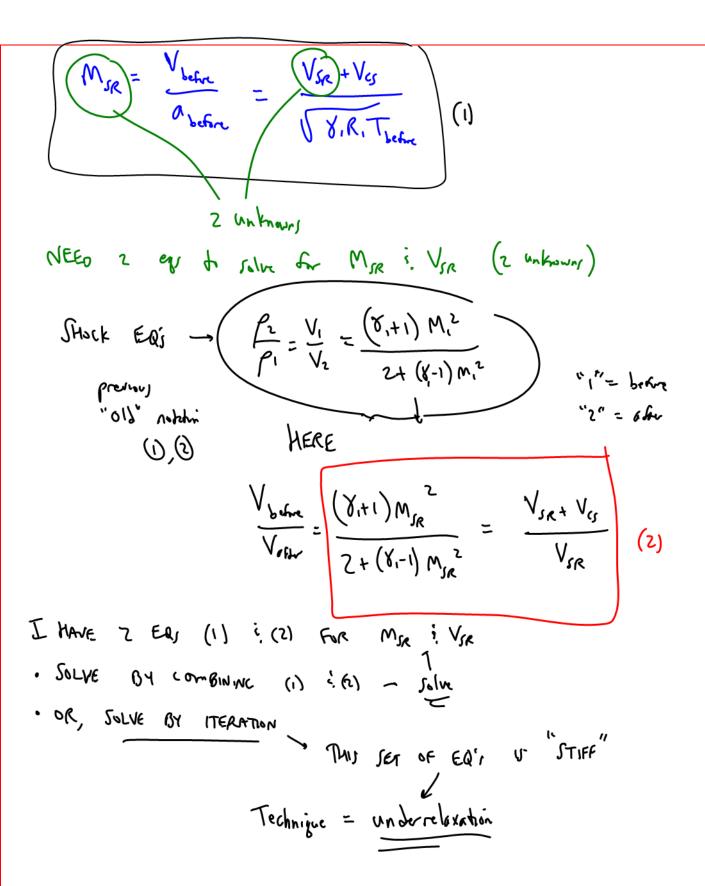
V see pic ; video clip on website



Spherical shock when the traveling shock from a shock tube exits the tube.







PROCEDURE. 1) Guess Mir 2) Ex (2) - Solve for VsR 3) Eq(1) - calc a new MsR 4) Avg. Mre from previous guess? The new Guess 5) Up this avg MsR from step (4) 6) how guell 6) Repeat App (2) to (5) to 11 convoyance HERE: OUR SHOCK TUBE EXAMPLE me his NC2 = 303.485 % az = 438.088 m/ V1 = 1.40 Itorate w/ above procedure - Get MSR = 1.675 B · CALC Is Replace 10 with 12 ~ (2) W. L. (F) Stationer shock F.O.R oll Mr T5= 688.00 K

