18.311: Principles of Applied Mathematics Lecture 14

Rodolfo Rosales Spring 2014

Introduces the arrow of time: solutions with shocks are NOT TIME REVERSIBLE. Example of a place where NO SHOCK is needed: rarefaction. NOT ALL DISCONTINUITIES THAT SATISFY speed = $[Q]/[\rho]$ ARE ALLOWED!

MIT OpenCourseWare http://ocw.mit.edu

18.311 Principles of Applied Mathematics Spring 2014

For information about citing these materials or our Terms of Use, visit: http://ocw.mit.edu/terms.