

Hyperbolic Conservation Laws In Continuum Physics

[DOWNLOAD HERE](#)

Preface.- Acknowledgments.- Introduction.- A Sketch of the Early History of Hyperbolic Conservation Laws.- I.Balance Laws.- II.Introduction to Continuum Physics.- III.Hyperbolic Systems of Balance Laws.- IV.The Cauchy Problem.- V.Entropy and the Stability of Classical Solutions.- VI.The L₁ Theory for Scalar Conservation Laws.- VII.Hyperbolic Systems of Balance Laws in One-Space Dimension.- VIII.Admissible Shocks.- IX.Admissible Wave Fans and the Riemann Problem.- X.Generalized Characteristics.- XI.Genuinely Nonlinear Scalar Conservation Laws.- XII.Genuinely Nonlinear Systems of Two Conservation Laws.- XIII.The Random Choice Method.- XIV.The Front Tracking Method and Standard Riemann Semigroups.- XV.Construction of BV Solutions by the Vanishing Viscosity Method.- XVI.Compensated Compactness.-XVII.Conservation Laws in Two Space Dimensions.- Bibliography.- Author Index.- Subject Index. EAN/ISBN : 9783642040481 Publisher(s): Springer, Berlin Discussed keywords: Hyperbolisches System, Kontinuumsmechanik, Partielle Differenzialgleichungen, Thermodynamik Format: ePub/PDF Author(s): Dafermos, Constantine M.

[DOWNLOAD HERE](#)

Similar manuals:

[Hyperbolic Conservation Laws In Continuum Physics](#)