Mindluster Platform

About the course Compressible Flow Fundamentals

Compressible Flow course in hindi, in this course In this course, we explore the principles and behaviors of compressible fluids, vital in aerospace, gas dynamics, and more.

Engineering Category's Courses

Course Lesson(32)

Lesson 1 : **Fundamentals of Compressible Flow Intro Video**

Lesson 2 : **Lec 1 Review Concepts of Fluid Mechanics and Thermodynamics I**

Lesson 3 : **Lec 2 Review Concepts of Fluid Mechanics and Thermodynamics II**

Lesson 4 : **Lec 3 Review Concepts of Fluid Mechanics and Thermodynamics III**

Lesson 5 : **Lec 4 Wave Propagation in Compressible Medium I**

Lesson 6 : **Lec 5 Wave Propagation in Compressible Medium II**

Lesson 7 : **Lec 6 Wave Propagation in Compressible Medium III**

Lesson 8 : **Lec 7 Quasi One Dimensional Isentropic Flow I**

Lesson 9 : **Lec 8 Quasi One Dimensional Isentropic Flow II**

Lesson 10 : **Lec 9 Quasi One Dimensional Isentropic Flow III**

Lesson 11 : **Lec 10 Normal Shock Waves I**

Lesson 12 : **Lec 11 Normal Shock Waves II**

Lesson 13 : **Lec 12 Normal Shock Waves III**

Lesson 14 : **Lec 13 Normal Shock Waves IV**

Lesson 15 : **Lec 14 Expansion Waves and Oblique Shocks I**

Lesson 16 : **Lec 15 Expansion Waves and Oblique Shocks II**

Lesson 17 : **Lec 16 Expansion Waves and Oblique Shocks III**

Lesson 18 : **Lec 17 Expansion Waves and Oblique Shocks IV**

Lesson 19 : **Lec 18 Expansion Waves and Oblique Shocks V**

Lesson 20 : **Lec 19 Expansion Waves and Oblique Shocks VI**

Lesson 21 : **Lec 20 Supersonic Nozzles and Diffusers I**

Lesson 22 : **Lec 21 Supersonic Nozzles and Diffusers II**

Lesson 23 : **Lec 22 Supersonic Nozzles and Diffusers III**

Lesson 24 : **Lec 23 Measurement Diagnostics and Experimental Facilitates for Compressible Flow II**

Lesson 25 : **Lec 24 Compressible Flow with Friction and Heat Transfer II**

Lesson 26 : **Lec 21 Compressible Flow with Friction and Heat Transfer III**

Lesson 27 : **Lec 26 Measurement Diagnostics and Experimental Facilities for Compressible Flow I**

Lesson 28 : **Lec 27 Measurement Diagnostics and Experimental Facilities for Compressible Flow II**

Lesson 29 : **Lec 28 Measurement Diagnostics and Experimental Facilities for Compressible Flow III**

Lesson 30 : **Lec 29 Measurement Diagnostics and Experimental Facilities for Compressible Flow IV**

Lesson 31 : **Lec 30 Measurement Diagnostics and Experimental Facilities for Compressible Flow V**

Lesson 32 : **Lec 31 Measurement Diagnostics and Experimental Facilities for Compressible Flow VI**

Related courses

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