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Solved: 5105MECH Thermodynamics And Fluid Mechanics 2 Ques ...

2. Basic Thermodynamics, Fluid Mechanics: De fi nitions of Ef fi cency 23 Introduction 23 The equation of continuity 23 The fi rst law of thermodynamics internal energy 24 The momentum equation Newton ' s second law of motion 25 The second law of thermodynamics entropy 29 De fi nitions of ef fi cency 30 Small stage or polytropic ef fi cency 35

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Fluid mechanics, thermodynamics of turbomachinery

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I teach mechanics regularly, but I don ' t have extensive research in fluid mechanics. I think the author did a great job to provide students with quick review of thermodynamics, mechanics, and appendix of mathematics for fluid mechanics. It could be more helpful to add more examples and end-of-section problems.