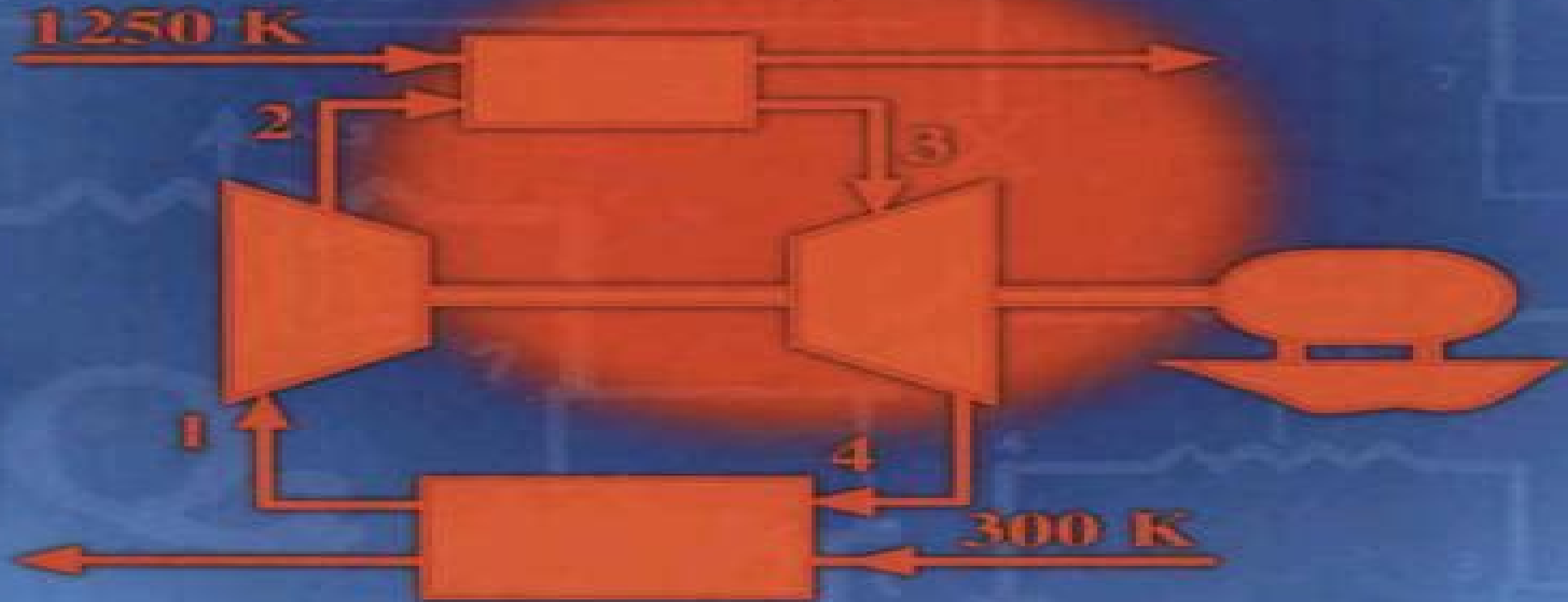


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Thermodynamics for Engineers - Solutions Manual Taylor & Francis Group, 2012-02-01 Aspiring engineers have long needed a text that prepares them to use thermodynamics in professional practice Thermodynamics instructors need a concise textbook written for a one semester undergraduate course a text that foregoes clutter and unnecessary details but furnishes the essential facts and methods Thermodynamics for Engineers fills both those needs Paying special attention to the learning process the author has developed a unique practical guide to classical thermodynamics His approach is remarkably cohesive For example he develops the same example through his presentation of the first law and both forms of the second law entropy and exergy He also unifies his treatments of the conservation of energy the creation of entropy and the destruction of availability by using a balance equation for each thus emphasizing the commonality between the laws and allowing easier comprehension and use Accessible practical and cohesive Thermodynamics for Engineers builds a solid foundation for advanced engineering studies and practice It exposes students to the big picture of thermodynamics and its

streamlined presentation allows glimpses into important concepts and methods rarely offered by texts at this level

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