





















































































































































































































































































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thermodynamics deals with energy interactions between material bodies it is the science of 3e s namely energy entropy and equilibrium the applications of its laws and principles are found in all fields of energy technology notably in steam gas and nuclear power plants internal combustion engines gas turbines jet propulsion refrigeration air conditioning compressors gas dynamics and direct energy conversion starting with the basic concept the book discusses the important topics such as basic concepts heat and work energy ideal and real gases zeroth first and second laws of thermodynamics entropy and third law available energy and exergy gas power cycles vapour power cycles general thermodynamic relations refrigeration cycles psychrometry non reactive mixtures reactive mixture chemical equilibrium direct energy conversion compressible flows and heat transfer the book is an essential text for be b tech for mechanical engineering students upsc and gate examinations

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