

Elements Of Propulsion Gas Turbines And Rockets Second Edition Aiaa Education

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Elements of Propulsion: Gas Turbines and Rockets, Second Edition provides a complete introduction to gas turbine and rocket propulsion for aerospace and mechanical engineers. Textbook coverage has been revised and expanded, including a new chapter on compressible flow.

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Elements of Propulsion: Gas Turbines and Rockets 2nd Edition. Preface: this undergraduate text provides an introduction to the fundamentals of gas turbine engines and jet propulsion. These basic elements determine the behavior, design, and operation of the jet engines and chemical rocket motors used for propulsion.

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Analysis and design of major gas turbine engine components (fans, compressors, turbines, inlets, nozzles, main burners, and afterburners). According to Jim Cantrell (one of SpaceX 's founding engineers), this book is one of the five that SpaceX CEO Elon Musk borrowed from him and never returned (Source: Quora).

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